Materials 2024/25

Founded in 1862

ounded in 1862
Product Range
Spray Adhesive
forcement Materials **Diverse Product Range** Reinforcement Materials Biocompatibility Ortholen® Carbon Fiber

Joining Materials Materia Hook-and-Loop Tape adding Materials

Subortholen Plastering Thermoforming Materials **Sheet Materials** Prepreg Materials Laminating Materials **Tepefom®** Bending Irons Orthotherm® Clear Pouring Resins Foams Stockinettes Fast Delivery Scaleo®





Eurolen®

Tools









Materials 2024/25 Francial State St

Dear Business Partners,

Two years ago, we celebrated our 160th company anniversary at OT-World in Leipzig. In May 2024, the trade fair will open its doors again, to which I would like to extend a warm invitation to you now. A lot has happened in these two years – worldwide, in Europe, in Germany and also in our company.

I would like to invite you to take a brief look at some of the topics that are of great relevance to us.

Our product diversity: Prosthetics, Orthotics, Materials and Service Production. Four areas, one claim: The highest quality for your fittings.

Our training courses: Our seminars stand for a high practical content and concrete fitting tips with our products. Take a look into our seminar program.

Our production: "Made in Baden-Württemberg" stands for a large number of products that are manufactured directly at our headquarters in Wangen near Göppingen or at our regional partners.

Our ability to deliver: Investments in warehousing and lean processes ensure a particularly high and reliable delivery capability, to cover your requirements. This is how we supply you, our sales facilities in Poland, Austria and Switzerland and our international customers.

We will continue to work as a team and as a family business, we will continue to be there for you. Your trust is our incentive, every day. Stay with us.

Sincerely,



Ralf Link, CEO Wilhelm Julius Teufel GmbH









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EDI: We will be happy to add you to our EDI customers!

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Hazardous Materials - Symbol Explanations



EXPLOSIVE

• May explode on contact with flames or sparks, after impact, friction or heating. Can cause explosion if stored incorrectly, even without external impact.



HIGHLY FLAMMABLE

• May ignite on contact with flames and sparks, through impact, friction, heating, air or water contact. May ignite spontaneously without external ignition if stored incorrectly.



OXODIZING

• May cause or accelerate fires. Releases oxygen during fire, and can therefore only be extinguished with special agents. It is impossible to smother the flames.



GAS UNDER PRESSURE

• Contains compressed, liquefied or dissolved gases. Odorless or invisible gases can escape unnoticed. Containers with compressed gases may burst due to heat or deformation.



CORROSIVE

• May cause severe skin burns and eye damage. May dissolve certain materials (e.g. textiles). Is harmful to animals, plants and organic material of all kinds.



HIGHLY TOXIC

May cause severe poisoning and death even in small amounts.



CAUTION DANGEROUS

• May irritate skin, cause allergy or eczema, or cause drowsiness. May cause poisoning after singular contact. May damage the ozone layer.



HARMFUL TO HEALTH

• May cause damage to certain organs. May cause immediate and long-term massive adverse health effects, cancer, damage to genetic material, fertility or development. May be fatal if it enters the respiratory system.



WATER POLLUTANT

• May cause acute or long-term adverse effects to aquatic organisms such as fish, aquatic insects and aquatic plants at low concentrations.

You can find our safety data sheets for download on our website in the download area.



| Sheet Material | | | | | | | | |
|---------------------------|---------------------------------------|---------------------|--------------------|---------------------------|------------------------|-------------------------|---------------|--|
| | | | | | | | | |
| | Orthotherm Clear | Orthotherm Stiff | Orthotherm Soft | Orthotherm Black | Orthotherm Silicone | Orthotherm Superflex | Tepelen | |
| | Page 10 | Page 11 | Page 12 | Page 12 | Page 13 | Page 14 | Page 15 | |
| REF | 70.612.0XX.XX | 70.760.0XX.01 | 70.762.0XX.01 | 70.765.01X.01 | 70.766.0XX.0X | 71.014.048.XX | 71.012.001.0X | |
| Product Properties | | | | | | | | |
| Material | Copolyester (PETG) | Polystrene (PS) | EVA | Polyethylene Copolymer | EVA w/ Silicone | EVA | Polyethylene | |
| Color | 0 | 0 | 0 | • | 0 | 0 | 0 | |
| Processing Temperature | 160-170°C | 170℃ | 150℃ | 120-130℃ | 115-125℃ | 130-135℃ | 165-175℃ | |
| Dimensions/mm | 400 x 400 500 x 500 2050 x 1250 | 400 x 400 | 400 x 400 | 400 x 400 | 400 x 400 500 x 500 | 400 x 400 | 2000 x 1000 | |
| Thickness/mm | 3, 4, 5, 6, 8, 10, 12, 15, 20 | 8, 10, 12, 15 | 9,12 | 10, 12, 15 | 9, 12, 15 | 9, 12, 14 | 3, 4, 5 | |
| Application | | | | | | | | |
| Test Socket | • | • | | | | | | |
| Inner Socket/Inlay | | | • | • | • | • | | |
| Positioning Orthosis | | | | | | | • | |
| Fitting Orthosis | • | | | | | | | |
| AFO/DAFO | | | | | | | • | |
| Knee Orthoses/KAFO | | | | | | | • | |
| Hand / Arm Orthoses | | | | | | | • | |
| Corsets | | | | | | | • | |
| Scar Compression Masks | • | | | | | | | |
| Orthosis Flaps | | | | | | | | |

| Eurolen PLUS+ | Subortholen | Ortholen | Eurolast Trolen | Eurodur Plus PP | Eurodur Ortho PP | Eurodur PP | Ortoflex Thermoforming Film | Ortoflex |
|---|---|---|---------------------------|--------------------|----------------------------|------------------|-----------------------------------|---------------|
| Page 16 | Page 17 | Page 18 | Page 19 | Page 20 | Page 21 | Page 22 | Page 23 | Page 24 |
| 70.0XX.2XX.0X | 70.5XX.20X.01 | 70.XXX.20X.0X | 71.011.01X.0X | 70.453.20X.01 | 70.454.20X.01 | 70.452.20X.01 | 71.014.0X8.0X | 71.014.03X.0X |
| | | | | | | | | |
| Polyethylene | Low Pressure Polyethylene Pressed | Low Pressure Polyethylene Pressed | Polyethylene | Polypropylene | Polypropylene Copolymer | Polypropylene | EVA | EVA |
| | | | | | 0 | | 0 | |
| 120 − 140 °C (2 mm) 165 − 175 °C (3 mm and up) | 160°C | 180°C | 130-160℃ | 185-200°C | 180-195°C | 180 - 200°C | 90-135°C | 90-135℃ |
| 2000 x 1000 | 1930 x 930 | 1930 x 930 | 2000 x 1000 1000 x 500 | 2000 x 1000 | 2000 x 1000 | 2000 x 1000 | 1000 x 1000 5000 x 1000 | 1115 x 900 |
| 2, 3, 4, 5, 6, 8, 10, 15, 20 | 1, 2, 3, 4, 5 | 1, 2, 3, 4, 5, 6 | 1, 2, 3, 4, 5 | 2, 3, 4, 5 | 2, 3, 4 | 1, 2, 3, 4, 5, 6 | 1,5, 2, 3, 4, 5 | 2, 4 |
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| | | | • | | | | | |
| | | | • | | • | | • | • |



70.612.0XX.XX





◆ Orthotherm® Clear

Application

- For the manufacture of self-supporting test sockets (only suitable for volume control and static fittings). Use our eCast Bandages REF 74.001.04X.XX to secure sockets against potential material fatigue and to securely attach an adapter
- For the manufacture of fitting orthoses
- For the manufacture of scar compression masks

Material

· Copolyester (PETG)

- Density 1.27 g/cm³
- 78 Shore D
- No discernible shrinkage (less than 1 %)
- Elastic modulus: 2000 MPa
- Color: Transparent
- Very high break resistance
- Can be laminated over to attach adapters
- Recommended processing temperature: approx. 160 170 °C, varies depending on oven type and material thickness
- Biocompatible according to DIN EN ISO 10993-5/-10, food compliant according to the FDA

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|-------------|
| 70.612.003.01 | 400 x 400 | 3 | Transparent |
| 70.612.005.01 | 400 x 400 | 5 | Transparent |
| 70.612.006.01 | 400 x 400 | 6 | Transparent |
| 70.612.008.01 | 400 x 400 | 8 | Transparent |
| 70.612.010.01 | 400 x 400 | 10 | Transparent |
| 70.612.012.01 | 400 x 400 | 12 | Transparent |
| 70.612.015.01 | 400 x 400 | 15 | Transparent |
| 70.612.020.01 | 400 x 400 | 20 | Transparent |

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|-------------|
| 70.612.015.05 | 500 x 500 | 15 | Transparent |

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|----------------|---------------------|--------------|-------------|
| 70.612.003.10* | 2050 x 1250 | 3 | Transparent |
| 70.612.004.10* | 2050 x 1250 | 4 | Transparent |
| 70.612.005.10* | 2050 x 1250 | 5 | Transparent |
| 70.612.006.10* | 2050 x 1250 | 6 | Transparent |
| 70.612.008.10* | 2050 x 1250 | 8 | Transparent |

^{*}Sheets with the dimensions $2050 \, \text{mm} \times 1250 \, \text{mm}$ will be shipped with a **forwarding agency** rather than a parcel service.



70.760.0XX.01

Orthotherm® Stiff

Application

 For the manufacture of self-supporting test sockets (only suitable for volume control and static fittings). Use our eCast Bandages REF 74.001.04X.XX to secure sockets against potential material fatigue and to securely attach an adapter

Material

• Polystyrol (PS)

- Density: 1.01 g/cm³
- 68 Shore D
- Max. shrinkage: 0,8 %
- Elastic modulus: 1300 MPa
- Tensile strength: 26 MPa
- Color: Bluish/Transparent
- Can be laminated over to attach adapters
- Recommended processing temperature: approx. 170 °C, varies depending on oven type
- Biocompatible

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|------------------------|
| 70.760.008.01 | 400 x 400 | 8 | Bluish/ Transparent |
| 70.760.010.01 | 400 x 400 | 10 | Bluish/ Transparent |
| 70.760.012.01 | 400 x 400 | 12 | Bluish/ Transparent |
| 70.760.015.01 | 400 x 400 | 15 | Bluish/ Transparent |



70.762.0XX.01





70.765.0XX.01

Orthotherm® Soft

Application

• For the manufacture of flexible prosthetic sockets

Material

• EVA (ethylene vinyl acetate)

Properties

- Density: 0.95 g/cm³
- 33 Shore D
- Max. shrinkage: 1,6 %
- Elastic modulus: 26MPa
- Tensile strength: 10 MPa
- Color: Semi-Transparent
- High flexibility
- Good surface adhesion
- Recommended processing temperature: approx. 150 °C, varies depending on oven type
- Biocompatible

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|------------------|
| 70.762.009.01 | 400 x 400 | 9 | Semi-Transparent |
| 70.762.012.01 | 400 x 400 | 12 | Semi-Transparent |

Orthotherm® Black

Application

• For the manufacture of flexible inner sockets

Material

Polyethylene-copolymer

- Density: 0.88 g/m³
- 31 Shore D
- Max. Shrinkage: 1.5 %
- Elastic Modulus: 20 MPa
- Tensile Strength: 18.2 MPa
- Color: Black
- High Flexibility
- Good Surface Adhesion
- Recommended processing temperature: approx. 120 130 °C, varies depending on oven type
- Biocompatible

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|-------|
| 70.765.010.01 | 400 x 400 | 10 | Black |
| 70.765.012.01 | 400 x 400 | 12 | Black |
| 70.765.015.01 | 400 x 400 | 15 | Black |



70.766.0XX.01

Orthotherm® Silicone

Application

- For the manufacture of flexible inner sockets
- Recommended and certified material for vacuum forming, for OneSystem, BK and AK prostheses

Material

• Ethylene vinyl acetate (EVA) with silicone

- Density: 0.95 g/m³
- 33 Shore D
- Max. Shrinkage: 1.6 %
- Elastic Modulus: 27 MPa
- Tensile Strength: 5.8 MPa
- Color: White
- High Flexibility
- Optimal Surface Adhesion
- Recommended processing temperature: approx. 115 125 °C, varies depending on oven type
- Biocompatible

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|-------|
| 70.766.009.01 | 400 × 400 | 9 | White |
| 70.766.012.01 | 400 × 400 | 12 | White |
| 70.766.015.01 | 400 x 400 | 15 | White |

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|-------|
| 70.766.015.05 | 500 x 500 | 15 | White |



71.014.048.XX

Orthotherm® Superflex

Application

• For the manufacture of flexible inner sockets

Material

• Ethylene vinyl acetate (EVA)

- Density 0.95 g/cm³
- 82 Shore A
- Max. Shrinkage: 2 %
- Elastic Modulus: 20 MPa
- Tensile Strength: 24 MPa
- Very good surface adhesion
- Washable
- Easy to sand / edges can be polished
- Recommended processing temperature: approx. 130 135 °C, varies depending on oven type

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|-------------|
| 71.014.048.09 | 400 x 400 | 9 | Transparent |
| 71.014.048.12 | 400 x 400 | 12 | Transparent |
| 71.014.048.14 | 400 x 400 | 14 | Transparent |



71.012.001.0X



When working with Tepelen, always use a clean and taut PTFE sheet (REF 70.289.XXX.XX), which is free of any talcum or plastic residue.







Tepelen is a high-quality polyethylene (PE) material, which has been sucessfully used for orthopedic purposes for many years.

With its especially balanced material properties Tepelen is a well suited material for a multitude of orthopedic applications. For example, Tepelen only shrinks very little during processing, and will thus result in work pieces with an optimum fit (e.g. corsets and orthoses). In addition, it can be vacuum formed with a very even wall thickness, therefore guaranteeing maximum stability.

Tepelen can easily be told apart from other PE materials by the fact that it is matte on one side and glossy on the other side.

Depending on the desired application and look of the workpiece, either the matte or the glossy side can be used on the outside.

Tepelen satisfies all expectations you may have of a high-quality PE material, it is easy to work with and physiologically harmless.

Application

 For the manufacture of stabilizing splints, night splints, corrective braces, corsets and any kind of orthoses

Material

• Polyethylene (special formula)

Properties

- Density: 0.94 g/cm³
- 64 Shore D
- Elastic Modulus: 900 MPa
- One matte side
- · One glossy side
- Very little shrinkage (less than 4 %)
- Recommended processing temperature: approx. 165 175 °C, varies depending on oven type
- Biocompatible

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|-------|
| 71.012.001.03 | 2000 x 1000 | 3 | White |
| 71.012.001.04 | 2000 x 1000 | 4 | White |
| 71.012.001.05 | 2000 x 1000 | 5 | White |
| 71.012.001.06 | 2000 x 1000 | 6 | White |



70.0XX.2XX.XX



When working with Eurolen PLUS+, always use a clean and taut piece of PTFE film (REF 70.289.XXXXX), which is free of any talcum or plastic residue.







Application

• For the manufacture of positioning splints, night splints, correction splints, corsets and any kind of orthoses

Material

• Polyethylene (PE-HD 300)

Properties

- Density: 0.94 g/cm³
- 64 Shore D
- Elastic Modulus: 900 MPa
- Very little shrinkage (approx. 4 5 %)
- Recommended processing temperature: approx. 120 140 °C (for material thickness 2 mm)
- Recommended processing temperature: approx. 165 175 °C (for material thickness 3 mm and up), varies depending on oven type
- Biocompatible

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|-------|
| 70.029.202.01 | 2000 x 1000 | 2 | White |
| 70.029.203.01 | 2000 x 1000 | 3 | White |
| 70.029.204.01 | 2000 x 1000 | 4 | White |
| 70.029.205.01 | 2000 x 1000 | 5 | White |
| 70.029.206.01 | 2000 x 1000 | 6 | White |
| 70.029.208.01 | 2000 x 1000 | 8 | White |
| 70.030.204.01 | 2000 x 1000 | 4 | Beige |
| 70.031.202.07 | 2000 x 1000 | 2 | Black |
| 70.031.203.07 | 2000 x 1000 | 3 | Black |
| 70.031.204.07 | 2000 x 1000 | 4 | Black |
| 70.031.205.07 | 2000 x 1000 | 5 | Black |
| 70.031.206.07 | 2000 x 1000 | 6 | Black |
| 70.031.210.07 | 2000 x 1000 | 10 | Black |
| 70.031.215.07 | 2000 x 1000 | 15 | Black |
| 70.031.220.07 | 2000 x 1000 | 20 | Black |

Single 2 mm sheets can be rolled for shipping. Sheets with a thickness of 3 mm and more will be shipped with a **forwarding agency** rather than a parcel service. For a one-time additional charge, sheets can be cut in half to a size of 1×1 m (order with REF 79.999.999.01).



70.XXX.20X.0X



When working with Subortholen, always use a clean and taut piece of PTFE film (REF 70.289.XXX.XX), which is free of any talcum or plastic residue.



Application

• For the manufacture of positioning splints, night splints, correction splints, corsets and any kind of upper and lower limb orthoses

Material

• Pressed low pressure polyethylene (HMW PE 500)

Properties

- Density: 0.96 g/cm³
- 62 Shore D
- Elastic Modulus: 800 MPa
- Tensile Strength: 20 MPa
- Color: Natural-Colored, Beige, Black
- Recommended processing temperature: approx. 160 °C, varies depending on oven type

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|-----------------|
| 70.565.201.01 | 1930 x 930 | 1 | Natural-Colored |
| 70.565.202.01 | 1930 x 930 | 2 | Natural-Colored |
| 70.565.203.01 | 1930 x 930 | 3 | Natural-Colored |
| 70.565.204.01 | 1930 x 930 | 4 | Natural-Colored |
| 70.565.205.01 | 1930 x 930 | 5 | Natural-Colored |
| 70.028.202.01 | 1930 x 930 | 2 | Beige |
| 70.028.203.01 | 1930 x 930 | 3 | Beige |
| 70.028.204.01 | 1930 x 930 | 4 | Beige |
| 70.028.205.01 | 1930 x 930 | 5 | Beige |
| 70.550.202.01 | 1930 x 930 | 2 | Black |
| 70.550.203.01 | 1930 x 930 | 3 | Black |
| 70.550.204.01 | 1930 x 930 | 4 | Black |

Sheets with a thickness of 1 and 2 mm can be rolled for shipping. Sheets with a thickness of 3 mm and more will be shipped with a **forwarding agency** rather than a parcel service. For a one-time additional charge, sheets can be cut in half to a size of 965×930 mm (order with REF 79.999.999.01).



70.XXX.20X.0X



When working with Ortholen, always use a clean and taut piece of PTFE film (REF 70.289.XXX.XX), which is free of any talcum or plastic residue.



Application

• For the manufacture of positioning splints, night splints, correction splints, corsets and any kind of upper and lower limb orthoses

Material

• Pressed low pressure polyethylene (UHMW PE 1000)

Properties

- Density: 0,96 g/cm³
- 62 Shore D
- Elastic modulus: 790 MPaTensile strength: 17 MPa
- Color: Beige, Natural-Colored, Black
- Recommended processing temperature: approx. 180 °C, varies depending on oven type

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|-----------------|
| 70.025.201.01 | 1930 x 930 | 1 | Beige |
| 70.025.202.01 | 1930 x 930 | 2 | Beige |
| 70.025.203.01 | 1930 x 930 | 3 | Beige |
| 70.025.204.01 | 1930 x 930 | 4 | Beige |
| 70.025.205.01 | 1930 x 930 | 5 | Beige |
| 70.025.206.01 | 1930 x 930 | 6 | Beige |
| 70.489.201.00 | 1930 x 930 | 1 | Natural-Colored |
| 70.489.202.00 | 1930 x 930 | 2 | Natural-Colored |
| 70.622.201.01 | 1930 x 930 | 1 | Black |
| 70.622.203.01 | 1930 x 930 | 3 | Black |

Single 1 mm sheets can be rolled for shipping. Sheets with a thickness of 2 mm and more will be shipped with a **forwarding agency** rather than a parcel service. For a one-time additional charge, sheets can be cut in half to a size of 965×930 mm (order with REF 79.999.999.01).



71.011.01X.0X



When working with Eurolast Trolen, always use a clean and taut piece of PTFE film (REF 70.289.XXXXX), which is free of any talcum or plastic residue.





Eurolast® Trolen

Application

- For the manufacture of orthoses for the lower and upper limbs, which require low stiffness and a high level of flexibility
- For the manufacture of flaps and inserts
- Suitable to be used as a separating and shaping material
- Suitable to be used as a tool when working with putty, when cut into a suitable shape

Material

• Polyethylene (LD-PE)

Properties

- Density: 0.92 g/cm³
- 54 Shore D
- Elastic modulus: 350 MPa
- Little Shrinkage (approx. 4 5 %)
- Recommended processing temperature: approx. 130 160 °C, varies depending on oven type and material thickness
- Biocompatible

| REF | Dimensions L x B/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|-----------------|
| 71.011.018.01 | 2000 x 1000 | 1 | Natural-Colored |
| 71.011.018.02 | 2000 x 1000 | 2 | Natural-Colored |
| 71.011.018.03 | 2000 x 1000 | 3 | Natural-Colored |
| 71.011.018.04 | 2000 x 1000 | 4 | Natural-Colored |
| 71.011.018.05 | 2000 x 1000 | 5 | Natural-Colored |

| REF | Dimensions L x B/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|-----------------|
| 71.011.019.01 | 1000 x 500 | 1 | Natural-Colored |
| 71.011.019.02 | 1000 x 500 | 2 | Natural-Colored |

Single 1, 2 and 3 mm sheets can be rolled for shipping. Sheets with a thickness of 4 mm and more will be shipped with a **forwarding agency** rather than a parcel service. For a one-time additional charge, sheets can be cut in half to a size of 1×1 m (order with REF 79.999.999.01).



70.453.20X.01



When working with Eurodur Plus PP, always use a clean and taut piece of PTFE film (REF 70.289.XXXXX), which is free of any talcum or plastic residue.



Eurodur® Plus PP

Application

• For the manufacture of rigid orthoses for the lower and upper limbs with a high level of stiffness and firmness, e.g. paralysis braces and dynamic AFOs

Material

• Polypropylene PP (homopolymer blend)

Properties

- Density: 0.9 g/cm³
- 70 Shore D
- Elastic modulus: 1380 MPa
- Color: Natural-Colored
- Little Shrinkage (approx. 4 5 %)
- Recommended processing temperature: approx. 185 200 °C, varies depending on oven type and material thickness
- Biocompatible

| REF | Dimensions L x B/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|-----------------|
| 70.453.202.01 | 2000 x 1000 | 2 | Natural-Colored |
| 70.453.203.01 | 2000 x 1000 | 3 | Natural-Colored |
| 70.453.204.01 | 2000 x 1000 | 4 | Natural-Colored |
| 70.453.205.01 | 2000 x 1000 | 5 | Natural-Colored |



70.454.20X.01



When working with Eurodur Ortho PP, always use a clean and taut piece of PTFE film (REF 70.289XXXXX), which is free of any talcum or plastic residue.

◆ Eurodur® Ortho PP

Eurodur Ortho PP combines all the positive properties of polyethylene and polypropylene.

Application

- For the manufacture of semi-flexible orthoses for the lower and upper limbs
- Especially suitable for thin-walled AFOs (e.g. Nancy Hilton braces), KAFO's and other semi-flexible orthoses

Material

• Polypropylene-copolymer (PP-C-blend)

Properties

- Density: 0.91 g/cm³
- 65 Shore D
- Elastic modulus: 1100 MPa
- · Color: White
- Semi-flexible
- Scratch-resistant
- Little Shrinkage (approx. 4 5 %)
- Recommended processing temperature: approx. 180 195 °C, varies depending on oven type and material thickness

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|-------|
| 70.454.202.01 | 2000 x 1000 | 2 | White |
| 70.454.203.01 | 2000 x 1000 | 3 | White |
| 70.454.204.01 | 2000 x 1000 | 4 | White |



70.452.20X.01



When working with Eurodur PP, always use a clean and taut piece of PTFE film (REF 70.289.XXX.XX), which is free of any talcum or plastic residue.







Application

• For the manufacture of rigid orthoses for the lower and upper limbs with a high level of stiffness and firmness, e.g. paralysis braces and dynamic AFOs

Material

• Polypropylene PP (homopolymer)

Properties

- Density: 0.9 g/cm³
- 70 Shore D
- Elastic modulus: 1400 MPa
- Color: Natural-Colored
- Little Shrinkage (approx. 4 5 %)
- Recommended processing temperature: approx. 180 200 °C, varies depending on oven type and material thickness
- We recommend heating the material in a convection oven
- Biocompatible

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|-----------------|
| 70.452.201.01 | 2000 x 1000 | 1 | Natural-Colored |
| 70.452.202.01 | 2000 x 1000 | 2 | Natural-Colored |
| 70.452.203.01 | 2000 x 1000 | 3 | Natural-Colored |
| 70.452.204.01 | 2000 x 1000 | 4 | Natural-Colored |
| 70.452.205.01 | 2000 x 1000 | 5 | Natural-Colored |
| 70.452.206.01 | 2000 x 1000 | 6 | Natural-Colored |



71.014.0X8.0X



Please use our Feather Stretch Stockinette REF PA.0013400 or REF PA.0013600 and our Isolation Spray REF 74.003.001.01 to isolate the model. Ortoflex Thermoforming Film is easy to glue with the Ortec Contact Adhesive REF 70.678.004.00 or REF 70.678.020.00.

Ortoflex® Thermoforming Film

Application

- Flexible diagnostic and definitive sockets for foot prostheses
- Forearm and hand braces
- Inner shoes/bath shoes
- Tabs and closures for orthoses
- Waterproof positioning splints and functional orthoses

Material

• Ethylene vinyl acetate (EVA)

- Density 0,95 g/cm³
- 82 Shore A
- Max. shrinkage: 2 %
- Elastic modulus: 20 MPa
- Tensile strength: 24 MPa
- Color: Transparent
- Flexible/permanently elastic
- Disinfectable
- Can be fused after processing
- Good grip
- Creates comfortable socket edges
- Processing temperature: approx. 90 135 °C, varies depending on oven type
- Processing vacuum: 0.2 bar max.
- Biocompatible

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|-------------|
| 71.014.018.01 | 1000×1000 | 1.5 | Transparent |
| 71.014.018.02 | 1000×1000 | 2 | Transparent |
| 71.014.018.03 | 1000×1000 | 3 | Transparent |
| 71.014.018.04 | 1000×1000 | 4 | Transparent |
| 71.014.018.05 | 1000 x 1000 | 5 | Transparent |

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|-------------|
| 71.014.028.01 | 5000 x 1000 | 1.5 | Transparent |
| 71.014.028.02 | 5000 x 1000 | 2 | Transparent |
| 71.014.028.03 | 5000 x 1000 | 3 | Transparent |
| 71.014.028.04 | 5000 x 1000 | 4 | Transparent |



71.014.03X.0X



Please use our Feather Stretch Stockinette REF PA.0013400 or REF PA.0013600 and our Isolation Spray REF 74.003.001.01 to isolate the model. Ortoflex is easy to glue with our Ortec Contact Adhesive REF 70.678.004.00 or REF 70.678.020.00.

Ortoflex®

Application

- Flexible diagnostic and definitive sockets for foot prostheses
- Forearm and hand braces
- Inner shoes/bathing shoes
- Tabs and closures for orthoses
- Waterproof positioning splints and functional orthoses

Material

• Ethylene vinyl acetate (EVA)

- Density 0.95 g/cm³
- 82 Shore A
- Max. shrinkage: 2 %
- Elastic modulus: 20 MPa
- Tensile strength: 24 MPa
- Colors: White, Red, Blue, Green, Black, Gold, Light Blue, Dark Blue, Light Red, Dark Red, Neon Pink, Neon Yellow, Neon Green, Silver
- Flexible/permanently elastic
- Disinfectable
- · Can be fused after processing
- Good grip
- Creates comfortable socket edges
- Large selection of colors
- Processing temperature: approx. 90 135 °C, varies depending on oven type
- Processing vacuum: 0.2 bar max.
- Biocompatible

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|------------|
| 71.014.032.02 | 1115 x 900 | 2 | White |
| 71.014.032.04 | 1115 x 900 | 4 | White |
| 71.014.034.02 | 1115 x 900 | 2 | Red |
| 71.014.034.04 | 1115 x 900 | 4 | Red |
| 71.014.035.02 | 1115 x 900 | 2 | Blue |
| 71.014.035.04 | 1115 x 900 | 4 | Blue |
| 71.014.036.02 | 1115 x 900 | 2 | Green |
| 71.014.036.04 | 1115 x 900 | 4 | Green |
| 71.014.037.02 | 1115 x 900 | 2 | Black |
| 71.014.037.04 | 1115 x 900 | 4 | Black |
| 71.014.03G.02 | 1115 x 900 | 2 | Gold |
| 71.014.03G.04 | 1115 x 900 | 4 | Gold |
| 71.014.031.02 | 1115 x 900 | 2 | Light Blue |
| 71.014.031.04 | 1115 x 900 | 4 | Light Blue |
| 71.014.03J.02 | 1115 x 900 | 2 | Dark Blue |
| 71.014.03J.04 | 1115 x 900 | 4 | Dark Blue |
| 71.014.03K.02 | 1115 x 900 | 2 | Light Red |
| 71.014.03K.04 | 1115 x 900 | 4 | Light Red |
| 71.014.03L.02 | 1115 x 900 | 2 | Dark Red |
| 71.014.03L.04 | 1115 x 900 | 4 | Dark Red |
| 71.014.03M.02 | 1115 x 900 | 2 | Neon Pink |
| 71.014.03M.04 | 1115 x 900 | 4 | Neon Pink |



| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|-------------|
| 71.014.03N.02 | 1115 x 900 | 2 | Neon Yellow |
| 71.014.03N.04 | 1115 x 900 | 4 | Neon Yellow |
| 71.014.03P.02 | 1115 x 900 | 2 | Neon Green |
| 71.014.03P.04 | 1115 x 900 | 4 | Neon Green |
| 71.014.035.02 | 1115 x 900 | 2 | Silver |
| 71.014.035.04 | 1115 x 900 | 4 | Silver |

71.014.03X.0X



◆ Sample Set Ortoflex®

Sample set for haptic and visual demonstration purposes and color selection.

| REF | Product |
|---------------|---------------------------|
| 90.302.041.00 | Sample Set Ortoflex DE&EN |



Accessories for Vacuum Forming

• Nylon Stockinette for Vacuum Forming

Application

• The nylon stockinette improves air suction between the model and the thermoforming material

Material

• 100 % nylon

Properties

- Very thin
- Extremely elastic
- Closed on one side

| REF | Length/cm | Width/cm | PU |
|---------------|-----------|----------|-----------|
| 80.137.110.00 | 50 | 8 | 10 Pieces |



PA.0013X00

Feather Stretch Stockinette

Application

- Lining/isolating material for vacuum forming and laminating
- For better suction on undercut areas
- For reinforcing Modelsil Silicon Modelling Putty REF 72.000.821.03

Material

• Polyamide/nylon (PA)

- Very elastic
- Elasticity: up to 475 % of width when laid out flat
- For BK, AK, KAFO and AFO
- Not pre-impregnated

| REF | Roll Width/ mm | Length Roll/m | For Circumfe- rences/mm | Color | PU |
|------------|-------------------|------------------|----------------------------|-------|--------|
| PA.0013400 | 60 | 23 | 120-650 | Black | 1 Roll |
| PA.0013600 | 60 | 23 | 120-650 | White | 1 Roll |



PA.0013X00

• Feather Stretch Extra Stockinette

Application

- As lining/isolating material for vacuum forming and laminating
- For better suction on undercut areas
- For reinforcing Modelsil Silicone Modelling Putty REF 72.000.821.03

Material

• Polyamide/nylon (PA)

Properties

- Extremely elastic
- Elasticity: up to 750 % of width when laid out flat
- For AK, HKAFO and torsos

| REF | Roll Width/ mm | Length Roll/m | For Circumfe- rences/mm | Color | PU |
|------------|-------------------|------------------|----------------------------|-------|--------|
| PA.0013500 | 80 | 23 | 200–1400 | Black | 1 Roll |
| PA.0013700 | 80 | 23 | 200–1400 | White | 1 Roll |



74.003.001.01

• Isolation Spray 😲 🕸 🕸



Application

- As an isolating layer between the thermofoming model (plaster model and hard foam model) and the thermoforming material
- As a separating agent/an isolating layer when using transfer paper or transfer fabrics. Lightly cover the sheet material with isolation spray; this will increase the color intensity and make peeling the transfer paper or fabric easier

Material

• Siliconeous isolating spray

- Does not add any volume
- Prevents the vacuum formed work piece from being distorted
- Heat resistant up to 260 °C

| REF | Content/g | PU |
|---------------|-----------|-------|
| 74.003.001.01 | 340 | 1 Can |



74.003.001.04

• Silicone Spray 🐵



Application

- As an isolating layer between the thermofoming model (plaster model and hard foam model) and the thermoforming material
- As a separating agent/an isolating layer when using transfer paper or transfer fabrics. Lightly cover the sheet material with isolation spray; this will increase the color intensity and make peeling the transfer paper or fabric easier

Material

• Siliconeous isolating spray

Properties

- Solvent-free
- Lubricant
- Heat resistant up to 250 °C

| REF | Content/ml | PU |
|---------------|------------|-------|
| 74.003.001.04 | 400 | 1 Can |



• PTFE-Film

Application

• As a separating layer between the bearing plate and the sheet material

Material

· Coated glass fabric

| REF | Width x Length x Thickness/mm | Properties | Version |
|---------------|----------------------------------|-------------------|---------------------|
| 70.289.000.00 | 1000 x 1000 x 0.13 | Non-Air-Permeable | Smooth |
| 70.289.010.00 | 1000 x 1000 x 0.13 | Air-Permeable | Coarsely Perforated |



Cotton Gloves

Material

• 100 % cotton

- Five-finger heat protection glove
- Short and long version available
- Long version also protects lower arms

| REF | Product | PU |
|---------------|-------------------------------|--------|
| 60.411.000.01 | Cotton Gloves Short 27cm S/M | 1 Pair |
| 60.411.000.00 | Cotton Gloves Short 27cm L/XL | 1 Pair |
| 60.411.035.00 | Cotton Gloves Long 35cm L/XL | 1 Pair |





| Padding Materials | | | | | | | |
|------------------------|--------------------|------------------------|-----------------------|--|---------------|------------------------|--|
| | | | | | | | |
| | Nora Lunairflex | Nora Lunairsoft SLW | Nora Lunairsoft SL | Orthofoam | Colorfoam | Tepefom Classic 4 | |
| | Page 32 | Page 32 | Page 32 | Page 34 | Page 36 | Page 37 | |
| REF | 71.001.031.04 | 71.001.071.0X | 71.001.081.0X | 71.003.02X.0X | 71.003.01X.03 | 70.023.1XX.01 | |
| Product Properties | | | | | | | |
| Material | EVA- Copolymer | EVA- Copolymer | EVA- Copolymer | EVA | EVA | PE | |
| Туре | closed-cell | closed-cell | closed-cell | closed-cell | closed-cell | closed-cell | |
| Colors | | | • | | | \circ | |
| Shore Hardness | 22 Shore A | 30 Shore A | 40 Shore A | 30 Shore A | 40 Shore A | 5 Shore A | |
| Processing Temperature | 110-130℃ | 120-170°C | 120-170°C | 130℃ | 130-135°C | 120°C | |
| Dimensions/mm | 1200 x 750 | 115 x 750 | 1140×740 | 1100×1100 | 1280 x 890 | 1000×1000 | |
| Thicknesses/mm | 4, 6, 8 | 4,6,8 | 2,4,5,6 | 1, 2, 3, 4, 5, 6, 7, 8, 10, 12, 15, 20, 30 | 3 | 3, 5, 7, 10, 15, 25 | |
| Application | | | | | | | |
| Soft Sockets | | | • | • | • | | |
| Forefoot Prosthesis | | • | • | | | | |
| Inner Shoe | • | | | | | | |
| Shoe Inserts | • | • | | • | • | • | |
| Orthoses | | | | • | • | • | |
| Seating Shells | | | | | • | • | |

| | | | | V | <u> </u> | | | |
|----------------------|---------------------------------|----------------------|--|------------------------------|---------------------------|------------------|------------------|---------------------------|
| Tepefom Classic 7 | Tepefom Classic 20 | Tepe-Cone | Plastazote | Plastazote Perforated | Evazote | WJT-Foam Podo | WJT-Foam Soft | Neopren |
| Page 37 | Page 38 | Page 39 | Page 40 | Page 42 | Page 43 | Page 44 | Page 45 | Page 45 |
| 70.021.1XX.01 | 70.4XX.1XX.01 | 70.43X.00X.00 | 70.5XX.XXX.01 | 70.XXX.1XX.01 | 70.6XX.1XX.01 | 71.004.2XX.XX | 71.004.254.X0 | 71.009.01X.04 |
| | | | | | | | | |
| PE | EVA | PE | PE | PE | PE | PU | PU | Polychloroprene foamed |
| closed-cell | closed-cell | closed-cell | closed-cell | closed-cell | closed-cell | open-cell | open-cell | |
| 0 | 0 | | | | 0 | | • | |
| 20 Shore A | 35 Shore A | 35 Shore A | 15 – 18 Shore A | 15 – 18 Shore A | 15 – 18 Shore A | 12 - 16 Shore A | 10 Shore A | 10 Shore A |
| 120°C | 120℃ | 160-170℃ | 110-140°C | 110-140°C | 110-120°C | | | |
| 1000×1000 | 1000 x 1000 | depending on version | 1000 x 1000 2000 x 1000 | 1000 x 1000 | 1000 x 1000 | 1370 x 750 | 1370 x 751 | 2150 x 1350 |
| 3, 5, 7, 10, 15 | 2, 3, 4, 5, 6, 7, 10, 15, 20 | depending on version | 2, 3, 4, 5, 6, 8, 10, 12, 15, 20 | 2, 3, 4, 5, 6, 10, 12, 18 | 3, 4, 6, 8, 10, 12, 15 | 1,5, 3, 6, 9 | 3, 5, 6 | 4 |
| | | | | | | | | |
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| • | • | | | | • | | | |



71.001.031.0X

◆ Nora[®] Lunairflex

Application

- Padding material, especially suited for the manufacture of inner shoes and cushioning purposes
- Padding material for orthotics and prosthetics

Material

• EVA copolymer, closed-cell

Properties

- Hardness approx. 22 Shore A
- Density approx. 120 kg/m³
- High restoring force
- Washable
- Recommended processing temperature: approx. 110 130 °C, varies depending on oven type

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|-------|
| 71.001.031.04 | 1200 x 750 | 4 | Beige |
| 71.001.031.06 | 1200 x 750 | 6 | Beige |
| 71.001.031.08 | 1200 x 750 | 8 | Beige |



71.001.071.0X

◆ Nora® Lunasoft SLW

Application

- Padding material especially suitable for cushioning purposes
- As padding for orthotics and prosthetics

Material

• EVA copolymer, closed-cell

- Hardness approx. 30 Shore A
- Density approx. 200 kg/m³
- Washable
- Recommended processing temperature: approx. 110 130 °C, varies depending on oven type

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|-------|
| 71.001.071.04 | 1150 x 750 | 4 | Beige |
| 71.001.071.06 | 1150 x 750 | 6 | Beige |
| 71.001.071.08 | 1150 x 750 | 8 | Beige |



71.001.081.0X

◆ Nora® Lunasoft SL

Application

- Padding material especially suitable for soft sockets
- Padding material for prosthetics

Material

• EVA copolymer, closed-cell

- Hardness approx. 40 Shore A
- Density approx. 200 kg/m³
- Washable
- Recommended processing temperature: approx. 110 130 °C, varies depending on oven type

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|-------|
| 71.001.081.02 | 1140×740 | 2 | Beige |
| 71.001.081.04 | 1140×740 | 4 | Beige |
| 71.001.081.05 | 1140 x 740 | 5 | Beige |
| 71.001.081.06 | 1140×740 | 6 | Beige |



71.003.02X.XX

Orthofoam

Application

- Padding material especially suitable for soft sockets
- Padding material for orthotics, prosthetics, shoe inserts, and seating shells
- Milling material for shoe inserts

Material

• Ethylene vinyl acetate (EVA), closed-cell

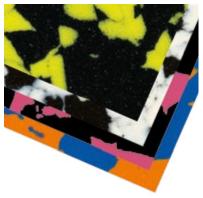
- Hardness approx. 30 Shore A
- Density approx. 140 kg/m³
- Washable
- Recommended processing temperature: approx. 130 °C, varies depending on oven type, color and material thickness

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|--------|
| 71.003.021.02 | 1100 x 1100 | 2 | Beige |
| 71.003.021.03 | 1100 x 1100 | 3 | Beige |
| 71.003.021.04 | 1100 x 1100 | 4 | Beige |
| 71.003.021.05 | 1100 x 1100 | 5 | Beige |
| 71.003.021.06 | 1100 x 1100 | 6 | Beige |
| 71.003.021.07 | 1100 x 1100 | 7 | Beige |
| 71.003.021.08 | 1100 x 1100 | 8 | Beige |
| 71.003.021.10 | 1100 x 1100 | 10 | Beige |
| 71.003.021.12 | 1100 x 1100 | 12 | Beige |
| 71.003.021.30 | 1100 x 1100 | 30 | Beige |
| 71.003.022.02 | 1100 x 1100 | 2 | White |
| 71.003.022.03 | 1100 x 1100 | 3 | White |
| 71.003.022.04 | 1100 x 1100 | 4 | White |
| 71.003.022.05 | 1100 x 1100 | 5 | White |
| 71.003.022.06 | 1100 x 1100 | 6 | White |
| 71.003.022.07 | 1100 x 1100 | 7 | White |
| 71.003.022.10 | 1100 x 1100 | 10 | White |
| 71.003.022.15 | 1100 x 1100 | 15 | White |
| 71.003.022.20 | 1100×1100 | 20 | White |
| 71.003.022.30 | 1100×1100 | 30 | White |
| 71.003.023.02 | 1100×1100 | 2 | Yellow |
| 71.003.023.03 | 1100 x 1100 | 3 | Yellow |
| 71.003.023.04 | 1100 x 1100 | 4 | Yellow |
| 71.003.023.05 | 1100 x 1100 | 5 | Yellow |



71.003.02X.XX

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|--------|
| 71.003.023.07 | 1100 x 1100 | 7 | Yellow |
| 71.003.023.10 | 1100 x 1100 | 10 | Yellow |
| 71.003.023.30 | 1100 x 1100 | 30 | Yellow |
| 71.003.024.02 | 1100×1100 | 2 | Red |
| 71.003.024.03 | 1100 x 1100 | 3 | Red |
| 71.003.024.04 | 1100 x 1100 | 4 | Red |
| 71.003.024.05 | 1100 x 1100 | 5 | Red |
| 71.003.024.07 | 1100 x 1100 | 7 | Red |
| 71.003.024.10 | 1100 x 1100 | 10 | Red |
| 71.003.024.15 | 1100 x 1100 | 15 | Red |
| 71.003.024.30 | 1100 x 1100 | 30 | Red |
| 71.003.025.02 | 1100 x 1100 | 2 | Blue |
| 71.003.025.03 | 1100 x 1100 | 3 | Blue |
| 71.003.025.04 | 1100 x 1100 | 4 | Blue |
| 71.003.025.05 | 1100 x 1100 | 5 | Blue |
| 71.003.025.06 | 1100 x 1100 | 6 | Blue |
| 71.003.025.07 | 1100 x 1100 | 7 | Blue |
| 71.003.025.10 | 1100 x 1100 | 10 | Blue |
| 71.003.025.12 | 1100 x 1100 | 12 | Blue |
| 71.003.025.15 | 1100 x 1100 | 15 | Blue |
| 71.003.025.30 | 1100 x 1100 | 30 | Blue |
| 71.003.027.01 | 1100 x 1100 | 1 | Black |
| 71.003.027.02 | 1100 x 1100 | 2 | Black |
| 71.003.027.03 | 1100 x 1100 | 3 | Black |
| 71.003.027.04 | 1100 x 1100 | 4 | Black |
| 71.003.027.05 | 1100×1100 | 5 | Black |
| 71.003.027.06 | 1100 x 1100 | 6 | Black |
| 71.003.027.15 | 1100×1100 | 15 | Black |
| 71.003.02F.02 | 1100×1100 | 2 | Pink |
| 71.003.02F.03 | 1100×1100 | 3 | Pink |
| 71.003.02F.04 | 1100×1100 | 4 | Pink |
| 71.003.02F.05 | 1100 x 1100 | 5 | Pink |



71.003.01X.03

Colorfoam

Application

• Padding material for orthotics, prosthetics, shoe inserts and seating shells

Material

• Ethylene vinyl acetate (EVA), closed-cell

- Hardness approx. 40 Shore A
- Density approx. 100 kg/m³
- Well suited for thermoforming
- High restoring force
- Very well suited for glueing
- No discernible shrinkage
- Washable
- Easy to sand
- Post-moldable
- Recommended processing temperature: approx. 130 135 °C, varies depending on oven type and color combination

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|--------------|
| 71.003.01A.03 | 1280 x 890 | 3 | Yellow/Black |
| 71.003.01C.03 | 1280 x 890 | 3 | White/Black |
| 71.003.01D.03 | 1280 x 890 | 3 | Pink/Black |
| 71.003.01H.03 | 1280 x 890 | 3 | Orange/Blue |



70.023.1XX.01

◆ Tepefom® Classic 4

Application

• Padding material for soft cushioning

Material

• Polyethylene foam (PE), closed-cell

Properties

- Hardness approx. 5 Shore A
- Density approx. 25 kg/m³
- Washable
- Recommended processing temperature: approx. 120 °C, varies depending on oven type and material thickness
- Biocompatible

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|-------|
| 70.023.103.01 | 1000×1000 | 3 | White |
| 70.023.105.01 | 1000×1000 | 5 | White |
| 70.023.107.01 | 1000×1000 | 7 | White |
| 70.023.110.01 | 1000×1000 | 10 | White |
| 70.023.115.01 | 1000 x 1000 | 15 | White |
| 70.023.125.01 | 1000×1000 | 25 | White |



70.021.1XX.01

◆ Tepefom® Classic 7

Application

• Padding material for soft cushioning, orthotics and cosmetic covers

Material

• Polyethylene foam (PE), closed-cell

- Hardness approx. 20 Shore A
- Density approx. 70 kg/m³
- Max. Shrinkage: 2 %
- Washable
- Recommended processing temperature: approx. 120 °C, varies depending on oven type and material thickness
- Biocompatible

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|-------|
| 70.021.103.01 | 1000 x 1000 | 3 | White |
| 70.021.105.01 | 1000 x 1000 | 5 | White |
| 70.021.107.01 | 1000 x 1000 | 7 | White |
| 70.021.110.01 | 1000×1000 | 10 | White |
| 70.021.115.01 | 1000×1000 | 15 | White |



◆ Tepefom® Classic 20

Application

- Padding material for soft cushioning, orthoses and cosmetic covers
- For soft sockets
- As milling material for shoe inserts

Material

• Ethylene vinyl acetate (EVA), closed-cell

- Hardness approx. 35 Shore A
- Density approx. 150 kg/m³
- Max. Shrinkage: 2 %
- Washable
- Recommended processing temperature: approx. 120 °C, varies depending on oven type and material
- Biocompatible

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|-------|
| 70.418.102.01 | 1000 x 1000 | 2 | White |
| 70.418.103.01 | 1000 x 1000 | 3 | White |
| 70.418.104.01 | 1000 x 1000 | 4 | White |
| 70.418.105.01 | 1000 x 1000 | 5 | White |
| 70.418.107.01 | 1000 x 1000 | 7 | White |
| 70.418.110.01 | 1000 x 1000 | 10 | White |
| 70.418.115.01 | 1000 x 1000 | 15 | White |
| 70.418.120.01 | 1000 x 1000 | 20 | White |
| 70.429.102.01 | 1000 x 1000 | 2 | Beige |
| 70.429.103.01 | 1000 x 1000 | 3 | Beige |
| 70.429.104.01 | 1000 x 1000 | 4 | Beige |
| 70.429.105.01 | 1000 x 1000 | 5 | Beige |
| 70.429.106.01 | 1000 x 1000 | 6 | Beige |
| 70.429.107.01 | 1000 x 1000 | 7 | Beige |
| 70.429.110.01 | 1000 x 1000 | 10 | Beige |
| 70.429.120.01 | 1000 x 1000 | 20 | Beige |



70.430.00X.00/70.431.00X.00



Example of Use



Use a convection oven to evenly heat the Tepe-Cone.

◆ Tepe-Cone

Cone-shaped polyethylene foam material, suitable for thermoforming.

Application

• For the manufacture of soft sockets for different limb lengths and ortho-prostheses

Material

• Polyethylene foam (PE), closed-cell

- Hardness approx. 35 Shore A
- Suitable for thermoforming
- Washable
- Smooth inner surface
- No bond seam
- Suitable for vacuum forming
- Recommended processing temperature: approx. 160 170 °C, varies depending on oven type
- Heating time approx. 5 min



REF 70.430.001.00 REF 70.430.002.00 REF 70.430.003.00 REF 70.431.001.00 REF 70.431.002.00 REF 70.431.003.00

| REF | Length*/mm | Ø Prox./mm | Ø Distal/mm | Wall Thickness*/mm | Distal Thickness*/mm | Version |
|---------------|------------|------------|-------------|--------------------|----------------------|-------------------------|
| 70.430.001.00 | 400 | 160 | 90 | 6.5 | 10 | BK Short |
| 70.430.002.00 | 505 | 180 | 90 | 6.5 | 15 | BK Long |
| 70.430.003.00 | 500 | 210 | 140 | 6.5 | 10 | AK/Knee-Disarticulation |
| 70.431.001.00 | 420 | 170 | 85 | 3.0 | 3 | Liner BK |
| 70.431.002.00 | 305 | 110 | 55 | 5.0 | 8 | Children |
| 70.431.003.00 | 505 | 130 | 60 | 6.5 | 10 | Upper Extremity |

^{*}Slight production-related deviations reserved.



◆ Plastazote®

Application

• Padding material especially suitable for padding on orthoses

Material

• Polyethylene foam (PE), closed-cell

- Hardness approx. 15 18 Shore A
- Low density approx. 45 kg/m³
- Well suited for thermoforming
- Well suited for glueing
- Fuses very well with PE / PP copolymer
- High restoring force
- No discernible shrinkage
- Washable
- Very easy to sand
- Recommended processing temperature: approx. $110-140\,^{\circ}$ C, varies depending on oven type, color and material thickness

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|-------|
| 70.526.102.01 | 1000×1000 | 2 | Beige |
| 70.526.103.01 | 1000 x 1000 | 3 | Beige |
| 70.526.104.01 | 1000 x 1000 | 4 | Beige |
| 70.526.105.01 | 1000 x 1000 | 5 | Beige |
| 70.526.106.01 | 1000 x 1000 | 6 | Beige |
| 70.526.108.01 | 1000 x 1000 | 8 | Beige |
| 70.526.110.01 | 1000 x 1000 | 10 | Beige |
| 70.526.112.01 | 1000 x 1000 | 12 | Beige |
| 70.526.115.01 | 1000 x 1000 | 15 | Beige |
| 70.526.120.01 | 1000×1000 | 20 | Beige |

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|-------|
| 70.526.202.01 | 2000 x 1000 | 2 | Beige |
| 70.526.203.01 | 2000 x 1000 | 3 | Beige |
| 70.526.204.01 | 2000 x 1000 | 4 | Beige |
| 70.526.205.01 | 2000 x 1000 | 5 | Beige |
| 70.526.206.01 | 2000 x 1000 | 6 | Beige |
| 70.526.208.01 | 2000 x 1000 | 8 | Beige |
| 70.526.210.01 | 2000 x 1000 | 10 | Beige |
| 70.526.212.01 | 2000 x 1000 | 12 | Beige |
| 70.526.215.01 | 2000 x 1000 | 15 | Beige |
| 70.526.220.01 | 2000 x 1000 | 20 | Beige |
| 70.514.202.01 | 2000 x 1000 | 2 | White |
| 70.514.203.01 | 2000 x 1000 | 3 | White |
| 70.514.204.01 | 2000 x 1000 | 4 | White |



| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|--------|
| 70.514.205.01 | 2000 x 1000 | 5 | White |
| 70.514.206.01 | 2000 x 1000 | 6 | White |
| 70.514.208.01 | 2000 x 1000 | 8 | White |
| 70.514.210.01 | 2000 x 1000 | 10 | White |
| 70.514.212.01 | 2000 x 1000 | 12 | White |
| 70.514.215.01 | 2000 x 1000 | 15 | White |
| 70.514.220.01 | 2000 x 1000 | 20 | White |
| 70.559.202.01 | 2000 x 1000 | 2 | Blue |
| 70.559.203.01 | 2000 x 1000 | 3 | Blue |
| 70.559.204.01 | 2000 x 1000 | 4 | Blue |
| 70.559.206.01 | 2000 x 1000 | 6 | Blue |
| 70.559.208.01 | 2000 x 1000 | 8 | Blue |
| 70.559.210.01 | 2000 x 1000 | 10 | Blue |
| 70.559.212.01 | 2000 x 1000 | 12 | Blue |
| 70.559.215.01 | 2000 x 1000 | 15 | Blue |
| 70.558.202.01 | 2000 x 1000 | 2 | Red |
| 70.558.203.01 | 2000 x 1000 | 3 | Red |
| 70.558.204.01 | 2000 x 1000 | 4 | Red |
| 70.558.206.01 | 2000 x 1000 | 6 | Red |
| 70.558.212.01 | 2000 x 1000 | 12 | Red |
| 70.558.215.01 | 2000 x 1000 | 15 | Red |
| 70.604.203.01 | 2000 x 1000 | 3 | Yellow |
| 70.604.204.01 | 2000 x 1000 | 4 | Yellow |
| 70.604.206.01 | 2000 x 1000 | 6 | Yellow |
| 70.604.212.01 | 2000 x 1000 | 12 | Yellow |
| 70.606.203.01 | 2000 x 1000 | 3 | Green |
| 70.606.204.01 | 2000 x 1000 | 4 | Green |
| 70.606.206.01 | 2000 x 1000 | 6 | Green |
| 70.606.212.01 | 2000 x 1000 | 12 | Green |
| 70.515.202.01 | 2000 x 1000 | 2 | Black |
| 70.515.203.01 | 2000 x 1000 | 3 | Black |
| 70.515.204.01 | 2000 x 1000 | 4 | Black |
| 70.515.206.01 | 2000×1000 | 6 | Black |
| 70.515.208.01 | 2000 x 1000 | 8 | Black |
| 70.515.210.01 | 2000 x 1000 | 10 | Black |
| 70.515.212.01 | 2000 x 1000 | 12 | Black |
| 70.515.215.01 | 2000 x 1000 | 15 | Black |
| 70.515.220.01 | 2000 x 1000 | 20 | Black |

Additional colors and thicknesses available upon request.



70.XXX.1XX.01

◆ Plastazote®, Perforated

Application

• Padding material especially suited for padding orthoses

Material

• Polyethylene foam (PE), closed cell

- Hardness approx. 15 18 Shore A
- Low density approx. 45 kg/m³
- Very suitable for combination with Eurolen Plus+, Subortholen and polypropylene
- Fuses very well with PE
- High restoring force
- No discernible shrinkage
- Washable
- Recommended processing temperature: approx. $110-140\,^{\circ}$ C, varies depending on oven type, color and material thickness

| REF | Dimensions L x W/mm | Thickness/ mm | Color | Version |
|---------------|------------------------|------------------|--------|------------|
| 70.527.102.01 | 1000×1000 | 2 | Beige | Perforated |
| 70.527.103.01 | 1000×1000 | 3 | Beige | Perforated |
| 70.527.104.01 | 1000×1000 | 4 | Beige | Perforated |
| 70.527.105.01 | 1000×1000 | 5 | Beige | Perforated |
| 70.527.106.01 | 1000×1000 | 6 | Beige | Perforated |
| 70.527.110.01 | 1000×1000 | 10 | Beige | Perforated |
| 70.527.112.01 | 1000×1000 | 12 | Beige | Perforated |
| 70.527.118.01 | 1000×1000 | 18 | Beige | Perforated |
| 70.652.103.01 | 1000×1000 | 3 | White | Perforated |
| 70.652.104.01 | 1000×1000 | 4 | White | Perforated |
| 70.652.106.01 | 1000×1000 | 6 | White | Perforated |
| 70.652.112.01 | 1000×1000 | 12 | White | Perforated |
| 70.559.102.01 | 1000×1000 | 2 | Blue | Perforated |
| 70.559.103.01 | 1000×1000 | 3 | Blue | Perforated |
| 70.559.104.01 | 1000×1000 | 4 | Blue | Perforated |
| 70.559.106.01 | 1000×1000 | 6 | Blue | Perforated |
| 70.558.102.01 | 1000×1000 | 2 | Red | Perforated |
| 70.558.103.01 | 1000×1000 | 3 | Red | Perforated |
| 70.558.104.01 | 1000×1000 | 4 | Red | Perforated |
| 70.558.106.01 | 1000×1000 | 6 | Red | Perforated |
| 70.604.102.01 | 1000×1000 | 2 | Yellow | Perforated |
| 70.604.103.01 | 1000×1000 | 3 | Yellow | Perforated |
| 70.604.104.01 | 1000×1000 | 4 | Yellow | Perforated |
| 70.604.106.01 | 1000×1000 | 6 | Yellow | Perforated |
| 70.515.102.01 | 1000×1000 | 2 | Black | Perforated |
| 70.515.103.01 | 1000×1000 | 3 | Black | Perforated |
| 70.515.104.01 | 1000×1000 | 4 | Black | Perforated |
| 70.515.106.01 | 1000×1000 | 6 | Black | Perforated |



70.6XX.1XX.01

Evazote®

Application

• Padding material especially suitable for corsets, AFOs, positioning splints and seating shells

Material

• EVA copolymer, closed-cell

- Hardness approx. 15 18 Shore A
- Low density approx. 50 kg/m³
- No discernible shrinkage
- Washable
- Recommended processing temperature: approx. 110 120 °C, varies depending on oven type, color and material thickness

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|-------|
| 70.619.103.01 | 1000×1000 | 3 | White |
| 70.619.104.01 | 1000×1000 | 4 | White |
| 70.619.106.01 | 1000×1000 | 6 | White |
| 70.619.108.01 | 1000 x 1000 | 8 | White |
| 70.619.110.01 | 1000×1000 | 10 | White |
| 70.619.112.01 | 1000 x 1000 | 12 | White |
| 70.619.115.01 | 1000×1000 | 15 | White |
| 70.620.103.01 | 1000 x 1000 | 3 | Blue |
| 70.620.104.01 | 1000 x 1000 | 4 | Blue |
| 70.620.106.01 | 1000 x 1000 | 6 | Blue |
| 70.620.108.01 | 1000 x 1000 | 8 | Blue |
| 70.620.110.01 | 1000 x 1000 | 10 | Blue |
| 70.620.115.01 | 1000×1000 | 15 | Blue |



71.004.2XX.XX

◆ WJT-Foam Podo

Application

- Padding material for cushioning sensitive body parts
- For the manufacture of shoe inserts

Material

• PU foam, open-cell

- Hardness approx. 12 16 Shore A
- Roughened on One Side
- High restoring force
- Not suitable for thermoforming
- Washable

| REF | Dimensions L x W/mm | Thickness/ mm | Color | Version |
|---------------|------------------------|------------------|------------|--------------------------|
| 71.004.262.15 | 1370×750 | 1.5 | Beige | Roughened on One Side |
| 71.004.262.30 | 1370×750 | 3.0 | Beige | Roughened on One Side |
| 71.004.262.60 | 1370×750 | 6.0 | Beige | Roughened on One Side |
| 71.004.262.90 | 1370×750 | 9.0 | Beige | Roughened on One Side |
| 71.004.263.15 | 1370×750 | 1.5 | Light Blue | Roughened on One Side |
| 71.004.263.30 | 1370×750 | 3.0 | Light Blue | Roughened on One Side |
| 71.004.263.60 | 1370×750 | 6.0 | Light Blue | Roughened on One Side |



◆ WJT-Foam Soft

Application

• For the manufacture of inserts for cushioning pressure-sensitive feet

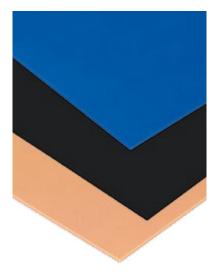
Material

• PU foam, open-cell

Properties

- Hardness approx. 10 Shore A
- Roughened on One Side
- Very good retarded restoring force
- Not suitable for thermoforming
- Washable
- Pressure- and shock-absorbing

| REF | Dimensions L x W/mm | Thickness/ mm | Color | Version |
|---------------|------------------------|------------------|-------|-----------------------|
| 71.004.255.30 | 1370×1000 | 3 | Red | Roughened on One Side |
| 71.004.255.50 | 1370×1000 | 5 | Red | Roughened on One Side |
| 71.004.255.60 | 1370×1000 | 6 | Red | Roughened on One Side |



71.009.01X.04

◆ Neoprene

Application

- Padding material
- Bandages

Material

• Polychloroprene, foamed

Properties

- Hardness approx. 10 Shore A
- Textile cover on both sides (nylon/nylon)
- Elastic
- Heat insulating
- Not suitable for thermoforming
- Washable

| REF | Dimensions L x W/mm | Thickness/mm | Color |
|---------------|---------------------|--------------|------------|
| 71.009.011.04 | 2150 x 1350 | 4 | Beige |
| 71.009.015.04 | 2150 x 1350 | 4 | Royal Blue |
| 71.009.017.04 | 2150 x 1350 | 4 | Black |

Additional colors and thicknesses, textile covers, versions with loop fabric cover or with beige neoprene rubber are available upon request.

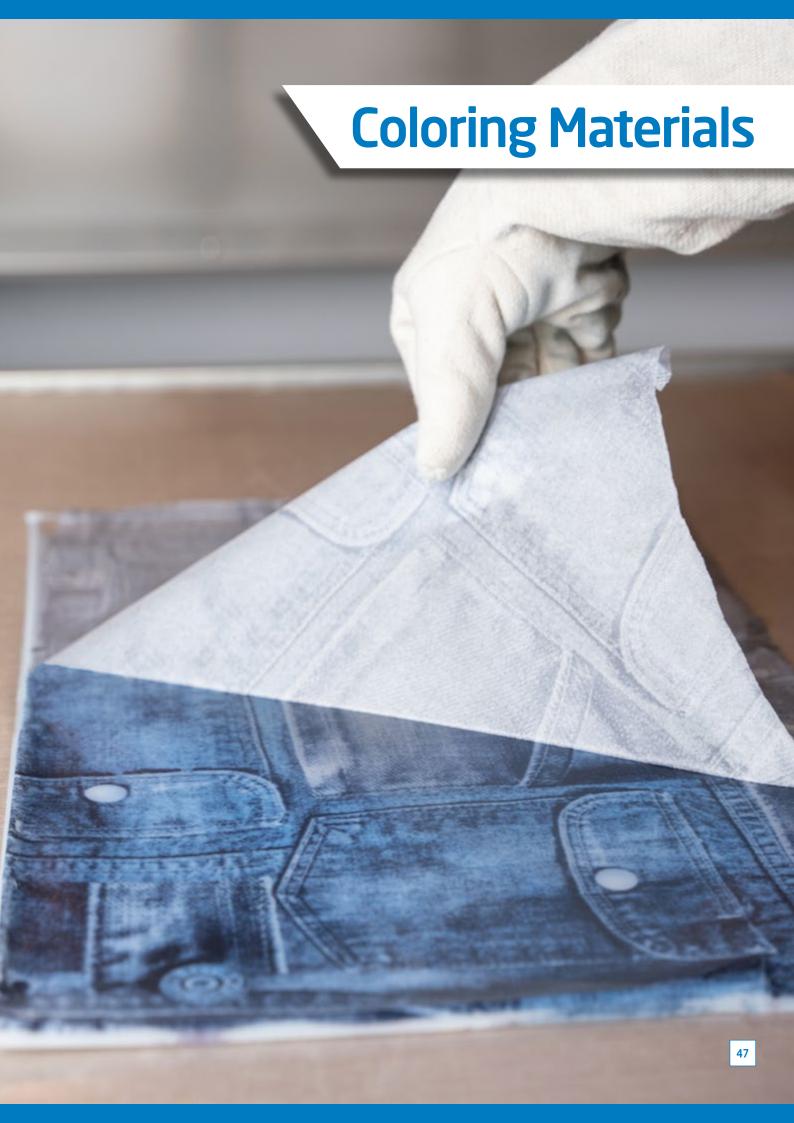


90.302.040.00

◆ Sample Set Sheet Materials and Padding

Sample set for haptic and visual demonstration purposes, for our sheet and padding materials.

| REF | Product |
|---------------|---------------------------------|
| 90.302.040.00 | Sample Set Sheets&Padding DE&EN |



Laminating Fabrics

Application

- Laminating fabrics suitable for individually coloring plastic materials (PE, PP), e.g. Eurolen, Eurodur, Subortholen and selected padding materials like Tepefom, Orthofoam and Plastazote
- Suitable as a decorative layer when laminating or working with Prepreg

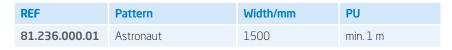
Material

• High quality fabric (80 % polyester, 20 % spandex) with heat-transfer print

Properties

- The pattern will transfer after about 20 40 s to the plastic material
- Especially easy to peel from the plastic material
- Equally elastic in both directions

PU = Mininum order quantity: 1 m (only sold in whole running meters)



| REF | Pattern | Width/mm | PU |
|---------------|------------|----------|----------|
| 81.236.000.02 | Toy Bricks | 1500 | min. 1 m |

| REF | Pattern | Width/mm | PU |
|---------------|---------|----------|----------|
| 81.236.000.03 | Emoji | 1500 | min. 1 m |

| REF | Pattern | Width/mm | PU |
|---------------|---------|----------|----------|
| 81.236.000.04 | Animals | 1500 | min. 1 m |

| REF | Pattern | Width/mm | PU |
|---------------|---------|----------|----------|
| 81.236.000.05 | Cars | 1500 | min. 1 m |

| REF | Pattern | Width/mm | PU |
|---------------|---------|----------|----------|
| 81.236.000.06 | Dino | 1500 | min. 1 m |

| REF | Pattern | Width/mm | PU |
|---------------|---------|----------|----------|
| 81.236.000.07 | Hearts | 1500 | min. 1 m |









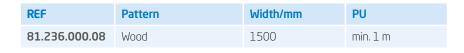






• Laminating Fabrics







| REF | Pattern | Width/mm | PU |
|---------------|---------|----------|----------|
| 81.236.000.09 | Carbon | 1500 | min. 1 m |



| REF | Pattern | Width/mm | PU |
|---------------|-------------|----------|----------|
| 81.236.000.10 | Water Drops | 1500 | min. 1 m |



| REF | Pattern | Width/mm | PU |
|---------------|---------|----------|----------|
| 81.236.000.11 | Square | 1500 | min. 1 m |



| REF | Pattern | Width/mm | PU |
|---------------|---------|----------|----------|
| 81.236.000.12 | Wall | 1500 | min. 1 m |

Please note: Individual designs may get discontinued over the course of the year.

◆ Laminating Tube

Application

• Suitable as a decorative design layer on laminates or when working with prepreg materials

Material

- High-quality fabric (80 % polyester, 20 % spandex) with heat-transfer print

- Tubular fabric available with a width of 15 cm and 20 cm
- Equally elastic in both directions



| REF | Pattern | Width/cm | Length/cm | PU |
|---------------|-----------|----------|-----------|---------|
| 81.237.015.01 | Astronaut | 15 | 150 | 1 Piece |
| 81.237.020.01 | Astronaut | 20 | 150 | 1 Piece |



| REF | Pattern | Width/cm | Length/cm | PU |
|---------------|------------|----------|-----------|---------|
| 81.237.015.02 | Toy Bricks | 15 | 150 | 1 Piece |
| 81.237.020.02 | Toy Bricks | 20 | 150 | 1 Piece |



| REF | Pattern | Width/cm | Length/cm | PU |
|---------------|---------|----------|-----------|---------|
| 81.237.015.03 | Emoji | 15 | 150 | 1 Piece |
| 81.237.020.03 | Emoji | 20 | 150 | 1 Piece |



| REF | Pattern | Width/cm | Length/cm | PU |
|---------------|---------|----------|-----------|---------|
| 81.237.015.04 | Animals | 15 | 150 | 1 Piece |
| 81.237.020.04 | Animals | 20 | 150 | 1 Piece |



| REF | Pattern | Width/cm | Length/cm | PU |
|---------------|---------|----------|-----------|---------|
| 81.237.015.05 | Cars | 15 | 150 | 1 Piece |
| 81.237.020.05 | Cars | 20 | 150 | 1 Piece |



| REF | Pattern | Width/cm | Length/cm | PU |
|---------------|---------|----------|-----------|---------|
| 81.237.015.06 | Dino | 15 | 150 | 1 Piece |
| 81.237.020.06 | Dino | 20 | 150 | 1 Piece |



| REF | Pattern | Width/cm | Length/cm | PU |
|---------------|---------|----------|-----------|---------|
| 81.237.015.07 | Hearts | 15 | 150 | 1 Piece |
| 81.237.020.07 | Hearts | 20 | 150 | 1 Piece |







| REF | Pattern | Width/cm | Length/cm | PU |
|---------------|---------|----------|-----------|---------|
| 81.237.015.08 | Wood | 15 | 150 | 1 Piece |
| 81.237.020.08 | Wood | 20 | 150 | 1 Piece |



| REF | Pattern | Width/cm | Length/cm | PU |
|---------------|---------|----------|-----------|---------|
| 81.237.015.09 | Carbon | 15 | 150 | 1 Piece |
| 81.237.020.09 | Carbon | 20 | 150 | 1 Piece |



| REF | Pattern | Width/cm | Length/cm | PU |
|---------------|-------------|----------|-----------|---------|
| 81.237.015.10 | Water Drops | 15 | 150 | 1 Piece |
| 81.237.020.10 | Water Drops | 20 | 150 | 1 Piece |



| REF | Pattern | Width/cm | Length/cm | PU |
|---------------|---------|----------|-----------|---------|
| 81.237.015.11 | Square | 15 | 150 | 1 Piece |
| 81.237.020.11 | Square | 20 | 150 | 1 Piece |



| REF | Pattern | Width/cm | Length/cm | PU |
|---------------|---------|----------|-----------|---------|
| 81.237.015.12 | Wall | 15 | 150 | 1 Piece |
| 81.237.020.12 | Wall | 20 | 150 | 1 Piece |

Please note: Individual designs may get discontinued over the course of the year.

Transfer Papers

Application

• Transfer papers suitable for individually coloring plastics (PE, PP), e.g. Eurolen, Eurodur, Subortholen and selected padding materials like Tepefom, Orthofoam and Plastazote

Material

• High quality paper 60 g/m² with heat-transfer print

Properties

• The pattern will transfer to the plastic material after about $20-40\,\mathrm{s}$

PU = Mininum order quantity: 1 m (only sold in whole meters)



| REF | Pattern | Width/mm | PU |
|---------------|-----------|----------|----------|
| 81.235.000.01 | Astronaut | 1500 | min. 1 m |



| REF | Pattern | Width/mm | PU |
|---------------|------------|----------|----------|
| 81.235.000.02 | Toy Bricks | 1500 | min. 1 m |



| REF | Pattern | Width/mm | PU |
|---------------|---------|----------|----------|
| 81.235.000.03 | Emoji | 1500 | min. 1 m |



| REF | Pattern | Width/mm | PU |
|---------------|---------|----------|----------|
| 81.235.000.04 | Animals | 1500 | min. 1 m |



| REF | Pattern | Width/mm | PU |
|---------------|---------|----------|----------|
| 81.235.000.05 | Cars | 1500 | min. 1 m |



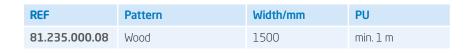
| REF | Pattern | Width/mm | PU |
|---------------|---------|----------|----------|
| 81.235.000.06 | Dino | 1500 | min. 1 m |



| REF | Pattern | Width/mm | PU |
|---------------|---------|----------|----------|
| 81.235.000.07 | Hearts | 1500 | min. 1 m |

• Transfer Papers







| REF | Pattern | Width/mm | PU |
|---------------|---------|----------|----------|
| 81.235.000.09 | Carbon | 1500 | min. 1 m |



| REF | Pattern | Width/mm | PU |
|---------------|-------------|----------|----------|
| 81.235.000.10 | Water Drops | 1500 | min. 1 m |



| REF | Pattern | Width/mm | PU |
|---------------|---------|----------|----------|
| 81.235.000.11 | Square | 1500 | min. 1 m |



| REF | Pattern | Width/mm | PU |
|---------------|---------|----------|----------|
| 81.235.000.12 | Wall | 1500 | min. 1 m |

Please note: Individual designs may get discontinued over the course of the year.

Transfer Papers

Application

• Transfer papers suitable for individually coloring plastic materials (PE, PP), e.g. Eurolen, Eurodur, Subortholen and selected padding materials like Tepefom, Orthofoam and Plastazote

Material

• High quality paper 30 g/m² with heat-transfer print

Properties

• The pattern will transfer to the plastic material after about 20 – 40 s





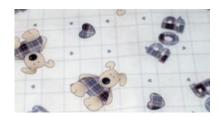
| REF | Pattern | Width/mm | PU |
|---------------|---------------|----------|------|
| 81.181.002.00 | Humphrey Bear | 800 | 2 m |
| 81.181.010.00 | Humphrey Bear | 800 | 10 m |



| REF | Pattern | Width/mm | PU |
|---------------|--------------|----------|------|
| 81.174.002.00 | Farmer White | 800 | 2 m |
| 81.174.010.00 | Farmer White | 800 | 10 m |



| REF | Pattern | Width/mm | PU |
|---------------|---------|----------|------|
| 81.159.002.00 | Dreamer | 800 | 2 m |
| 81.159.010.00 | Dreamer | 800 | 10 m |



| REF | Pattern | Width/mm | PU |
|---------------|----------|----------|------|
| 81.160.002.00 | Bob Blue | 800 | 2 m |
| 81.160.010.00 | Bob Blue | 800 | 10 m |

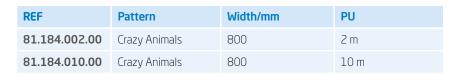


| REF | Pattern | Width/mm | PU |
|---------------|---------|----------|------|
| 81.161.002.00 | Bob Red | 800 | 2 m |
| 81.161.010.00 | Bob Red | 800 | 10 m |



| REF | Pattern | Width/mm | PU |
|---------------|--------------|----------|------|
| 81.183.002.00 | Happy Flower | 800 | 2 m |
| 81.183.010.00 | Happy Flower | 800 | 10 m |







| REF | Pattern | Width/mm | PU |
|---------------|---------|----------|------|
| 81.231.002.00 | Horses | 800 | 2 m |
| 81.231.010.00 | Horses | 800 | 10 m |



| REF | Pattern | Width/mm | PU |
|---------------|-------------|----------|------|
| 81.233.002.00 | Dogs Yellow | 800 | 2 m |
| 81.233.010.00 | Dogs Yellow | 800 | 10 m |



| REF | Pattern | Width/mm | PU |
|---------------|---------------|----------|------|
| 81.224.002.00 | Scottish-Blue | 800 | 2 m |
| 81.224.010.00 | Scottish-Blue | 800 | 10 m |



| REF | Pattern | Width/mm | PU |
|---------------|-----------------|----------|------|
| 81.203.002.00 | Camouflage Blue | 800 | 2 m |
| 81.203.010.00 | Camouflage Blue | 800 | 10 m |



| REF | Pattern | Width/mm | PU |
|---------------|---------|----------|------|
| 81.226.002.00 | Jeans | 800 | 2 m |
| 81.226.010.00 | Jeans | 800 | 10 m |



| REF | Pattern | Width/mm | PU |
|---------------|--------------|----------|------|
| 81.173.002.00 | Metropolitan | 800 | 2 m |
| 81.173.010.00 | Metropolitan | 800 | 10 m |



| REF | Pattern | Width/mm | PU |
|---------------|---------|----------|------|
| 81.216.002.00 | Zebra | 800 | 2 m |
| 81.216.010.00 | Zebra | 800 | 10 m |



| REF | Pattern | Width/mm | PU |
|---------------|-----------------------|----------|------|
| 81.219.002.00 | Soccer White&Blue&Red | 800 | 2 m |
| 81.219.010.00 | Soccer White&Blue&Red | 800 | 10 m |



| REF | Pattern | Width/mm | PU |
|---------------|------------------|----------|------|
| 81.221.002.00 | Camouflage Green | 800 | 2 m |
| 81.221.010.00 | Camouflage Green | 800 | 10 m |



| REF | Pattern | Width/mm | PU |
|---------------|---------|----------|------|
| 81.222.002.00 | Panther | 800 | 2 m |
| 81.222.010.00 | Panther | 800 | 10 m |



| REF | Pattern | Width/mm | PU |
|---------------|----------------------|----------|------|
| 81.223.002.00 | Funkis Black Squares | 800 | 2 m |
| 81.223.010.00 | Funkis Black Squares | 800 | 10 m |



| REF | Pattern | Width/mm | PU |
|---------------|---------|----------|------|
| 81.225.002.00 | Black | 800 | 2 m |
| 81.225.010.00 | Black | 800 | 10 m |



| REF | Pattern | Width/mm | PU |
|---------------|----------|----------|------|
| 81.232.002.00 | Graffiti | 800 | 2 m |
| 81.232.010.00 | Graffiti | 800 | 10 m |



| REF | Pattern | Width/mm | PU |
|---------------|---------|----------|------|
| 81.234.002.00 | Ocean | 800 | 2 m |
| 81.234.010.00 | Ocean | 800 | 10 m |

 $\textbf{Please note:} \ \textbf{Individual designs may get discontinued over the course of the year.}$



74.003.001.01



74.003.001.04



Application

- Spray for isolating the thermoforming model (plaster model and rigid foam model) from the thermoforming material
- Isolation spray for separating/ for isolating when working with transfer paper or laminating fabric. Lightly spray the sheet material with the isolating spray. This will increase the color intensity and make peeling the paper or fabric easier.

Material

• Isolation spray containing silicone

Properties

- Does not add any volume
- Prevents the thermoforming workpiece from being distorted
- Heat-resistant to up to 260 °C

| REF | Content | PU |
|---------------|---------|-------|
| 74.003.001.01 | 340 | 1 Can |

Silicone Spray



Application

- As an isolating layer between the thermofoming model (plaster model and hard foam model) and the thermoforming material
- As a separating agent/an isolating layer when using transfer paper or transfer fabrics. Lightly cover the sheet material with isolation spray; this will increase the color intensity and make peeling the transfer paper or fabric easier.

Material

Siliconeous isolating spray

- Withouth solvents
- Without lubricants
- Heat resistant up to 250 °C

| REF | Content/ml | PU |
|---------------|------------|-------|
| 74.003.001.04 | 400 | 1 Can |



70.669.XXX.XX



Mix the acrylic or epoxy resin and the resin dye very well before adding the hardener

Resin Dye for Pouring Resins

Application

• For coloring acrylic resins, epoxy resins and putties

Material

• Color pigment paste

Properties

• Easy to mix with acrylic resins, epoxy resins, and putties

| REF | Color | Content | PU |
|---------------|-------|---------|-------|
| 70.699.200.01 | White | 200 | 1 Can |
| 70.699.200.02 | Beige | 250 | 1 Can |
| 70.699.200.03 | Black | 200 | 1 Can |
| 70.699.200.04 | Blue | 200 | 1 Can |
| 70.699.200.05 | Red | 200 | 1 Can |



| Foams | | |
|-------------------------------|---------------------------------------|---------------------------------------|
| | - Annual and an | - American con- |
| | Rigid Foam PUR 200 | Rigid Foam PUR 300 |
| | Page 62 | Page 63 |
| REF | 70.830.0XX.00 | 70.831.0XX.00 |
| Product Properties | | |
| Material | Two-component polyurethane rigid foam | Two-component polyurethane rigid foam |
| Cubic Weight | 200 g/m³ | 300 g/m³ |
| Expansion Factor | 5.5 | 3.7 |
| Mixing Ratio A:B | 1:1 | 1:1 |
| Container size | 865 g, 4.6 kg | 865 g, 4.6 kg |
| Component B | 70.835.0XX.00 Hardener for Rigid Foam | 70.835.0XX.00 Hardener for Rigid Foam |
| Application | | |
| Shoe Lasts | | |
| Compensation of Shorter Limbs | | • |
| Cosmeses | • | |
| Shape Compensation | • | • |

| * Statement and the | 1 Wildelman (and to 1975) | |
|---------------------------------------|---------------------------------------|--------------------------------------|
| Rigid Foam PUR 500 | Rigid Foam PUR 700 | Soft Foam PUR 150 |
| Page 64 | Page 65 | Page 66 |
| 70.832.0XX.00 | 70.833.0XX.00 | 70.836.009.00 |
| | | |
| Two-component polyurethane rigid foam | Two-component polyurethane rigid foam | Two-component polyurethane soft foam |
| 500 g/m³ | 700 g/m³ | 150 g/m³ |
| 2.2 | 1.6 | 5.4 |
| 1:1 | 1:1 | 1:1 |
| 865 g, 4.6 kg | 865 g, 4.6 kg | 865 g |
| 70.835.0XX.00 Hardener for Rigid Foam | 70.835.0XX.00 Hardener for Rigid Foam | 70.837.004.00 Hardener for Soft Foam |
| | | |
| • | • | |
| • | • | |
| | | • |
| | | |

◆ PUR Rigid Foams

Our PUR rigid foams are available in a range of gross densities for a variety of uses. They are characterized by their excellent processing properties and their cost-effectiveness. Component A defines the gross density, component B can be used for all available gross densities. Please order your choice of rigid foam PUR 200, 300, 500 or 700 always with the same amount of component B.

Northhalm PM 200 History PM 200 Histor

70.830.0XX.00

• Rigid Foam PUR 200

Application

• For shape compensation and cosmeses for both prosthetics and orthotics

Material

• Two-component polyurethane rigid foam

Processing

- Mixing ratio: 1:1, component B with component PUR 200
- Recommended storage temperature: 20 25 °C
- Shake well before processing
- Stir for approx. 30 s
- Always use clean mixing cups (e.g. REF 74.007.001.03 or 74.007.001.04) and a clean wooden spatula (e.g. REF 74.007.001.04 or 74.007.010.26).

Properties

- Density approx. 200 kg/m³
- Moisture sensitive

• Rigid Foam PUR 200

| REF | Rigid Foam 200 | Expansion Factor | Content | PU |
|---------------|----------------|-------------------------|---------|------------|
| 70.830.009.00 | Component A | Approx. 5.5 | 865 g | 1 Bottle |
| 70.830.046.00 | Component A | Approx. 5.5 | 4.6 kg | 1 Canister |

Technician's Tip:

Mixing ratios always refer to weight rather than volume. Always weigh all components exactly.



70.835.0XX.00



70.839.000.00

• Hardener for Rigid Foam 🕩 🕸

| REF | Hardener for Rigid Foam | Content | PU |
|---------------|-------------------------|---------|------------|
| 70.835.009.00 | Component B | 865 g | 1 Bottle |
| 70.835.046.00 | Component B | 4.6 kg | 1 Canister |

Product contains diisocyanates. As of August 24, 2023, users must receive appropriate training prior to industrial or commercial use.

Pull-Out Spout Cap

| REF | Product |
|---------------|---------------------------------|
| 70.839.000.00 | Pull-Out Spout Cap f.4.6kg Cans |



70.831.0XX.00



Mixing ratios always refer to weight rather than volume. Always weigh all components exactly.



70.835.0XX.00



70.839.000.00

• Rigid Foam PUR 300

Application

• Mold construction foam for vacuum forming models and heavy duty compensation of shorter limbs for prosthetics and orthotics

Material

• Two-component polyurethane rigid foam

Processing

- Mixing ratio: 1:1, component B with component PUR 300
- Recommended storage temperature: 20 25 °C
- Shake well before processing
- Stir for approx. 30 s
- Always use clean mixing cups (e.g. REF 74.007.001.03 or 74.007.001.04) and a clean wooden spatula (e.g. REF 74.007.001.04 or 74.007.010.26).

Properties

- Density approx. 300 kg/m³
- Moisture sensitive

• Rigid Foam PUR 300

| REF | Rigid Foam 300 | Expansion Factor | Content | PU |
|---------------|----------------|-------------------------|---------|------------|
| 70.831.009.00 | Component A | Approx. 3.7 | 865 g | 1 Bottle |
| 70.831.046.00 | Component A | Approx. 3.7 | 4.6 kg | 1 Canister |

• Hardener for Rigid Foam 🗘 🕸



| REF | Hardener for Rigid Foam | Content | PU |
|---------------|-------------------------|---------|------------|
| 70.835.009.00 | Component B | 865 g | 1 Bottle |
| 70.835.046.00 | Component B | 4.6 kg | 1 Canister |

Product contains diisocyanates. As of August 24, 2023, users must receive appropriate training prior to industrial or commercial use.

• Pull-Out Spout Cap

| REF | Product |
|---------------|---------------------------------|
| 70.839.000.00 | Pull-Out Spout Cap f.4.6kg Cans |



70.832.0XX.00



Mixing ratios always refer to weight rather than volume. Always weigh all components exactly.

• Rigid Foam PUR 500

Application

• For heavy duty compensation of shorter limbs for prosthetics, orthotics and the manufacture of shoe lasts

Material

• Two-component polyurethane rigid foam

Processing

- Mixing ratio: 1:1, component B with component PUR 500
- Recommended storage temperature: 20 25 °C
- Shake well before processing

Properties

- Density approx. 540 kg/m³
- Moisture sensitive
- Always use clean mixing cups (e.g. REF 74.007.001.03 or 74.007.001.04) and a clean wooden spatula (e.g. REF 74.007.001.04 or 74.007.010.26).
- Nailable

• Rigid Foam PUR 500

| REF | Rigid Foam 500 | Expansion Factor | Content | PU |
|---------------|----------------|-------------------------|---------|------------|
| 70.832.009.00 | Component A | Approx. 2.2 | 865 g | 1 Bottle |
| 70.832.046.00 | Component A | Approx. 2.2 | 4.6 kg | 1 Canister |

- National Strangers 2

70.835.0XX.00

• Hardener for Rigid Foam 🕦 🕸

| REF | Hardener for Rigid Foam | Content | PU |
|---------------|-------------------------|---------|------------|
| 70.835.009.00 | Component B | 865 g | 1 Bottle |
| 70.835.046.00 | Component B | 4.6 kg | 1 Canister |

Product contains diisocyanates. As of August 24, 2023, users must receive appropriate training prior to industrial or commercial use.

Pull-Out Spout Cap

| REF | Product |
|---------------|---------------------------------|
| 70.839.000.00 | Pull-Out Spout Cap f.4.6kg Cans |



70.839.000.00



70.833.0XX.00



Mixing ratios always refer to weight rather than volume. Always weigh all components exactly.

* Parameter demands * 2 April 1

70.835.0XX.00



70.839.000.00

• Rigid Foam PUR 700

Application

 For heavy duty compensation of shorter limbs for prosthetics, orthotics and the manufacture of shoe lasts

Material

• Two-component polyurethane rigid foam

Processing

- Mixing ratio: 1:1, component B with component PUR 700
- Recommended storage temperature: 20 25 °C
- Shake well before processing
- Stir for approx. 30 s
- Always use clean mixing cups (e.g. REF 74.007.001.03 or 74.007.001.04) and a clean wooden spatula (e.g. REF 74.007.001.04 or 74.007.010.26).

Properties

- Density approx. 700 kg/m³
- Moisture sensitive
- Nailable
- Impact-resistant

• Rigid Foam PUR 700

| REF | Rigid Foam 700 | Expansion Factor | Content | PU |
|---------------|----------------|-------------------------|---------|------------|
| 70.833.009.00 | Component A | Approx. 1.6 | 865 g | 1 Bottle |
| 70.833.046.00 | Component A | Approx. 1.6 | 4.6 kg | 1 Canister |

• Hardener for Rigid Foam 🕦 🕸

| REF | Hardener for Rigid Foam | Content | PU |
|---------------|-------------------------|---------|------------|
| 70.835.009.00 | Component B | 865 g | 1 Bottle |
| 70.835.046.00 | Component B | 4.6 kg | 1 Canister |

Product contains diisocyanates. As of August 24, 2023, users must receive appropriate training prior to industrial or commercial use.

Pull-Out Spout Cap

| REF | Product |
|---------------|---------------------------------|
| 70.839.000.00 | Pull-Out Spout Cap f.4.6kg Cans |



70.836.009.00



Mixing ratios always refer to weight rather than volume. Always weigh all components exactly.

→ PUR Soft Foam

• Soft Foam PUR 150

Application

• For the manufacture of flexible and soft cosmeses both for prosthetics and orthotics

Material

• Two-component polyurethane soft foam

Processing

- Mixing ratio: 1:2, 1 part hardener for soft foam component B, 2 parts soft foam PUR 150 component A
- Recommended storage temperature: 20 25 °C
- Shake well before processing
- Stir for approx. 30 s
- Always use clean mixing cups (e.g. REF 74.007.001.03 or 74.007.001.04) and a clean wooden spatula (e.g. REF 74.007.001.04 or 74.007.010.26).

Properties

- Density approx. 150 kg/m³
- Moisture sensitive

• Soft Foam PUR 150

| REF | Soft Foam PUR 150 | Expansion Factor | Content | PU |
|---------------|----------------------|------------------|---------|----------|
| 70.836.009.00 | Component A | Approx. 5.4 | 865 | 1 Bottle |

- Secondary Seco

70.837.004.00

Hardener for Soft Foam



| REF | Hardener for Soft Foam | Content | PU |
|---------------|------------------------|---------|----------|
| 70.837.004.00 | Component B | 433 | 1 Bottle |

Product contains diisocyanates. As of August 24, 2023, users must receive appropriate training prior to industrial or commercial use.



74.007.001.0X

Mixing Cup with Scale

Application

• For mixing e.g. acrylic resins and color paste

Material

• Polypropylene

Properties

• With scale e.g. for our acrylic resins

| REF | Content | PU |
|---------------|---------|------------|
| 74.007.001.03 | 200 | 100 Pleces |
| 74.007.001.04 | 400 | 100 Pieces |



◆ Wooden Spatula, Long

Application

• For mixing e.g. acrylic resins and color paste

Material

Beech Wood

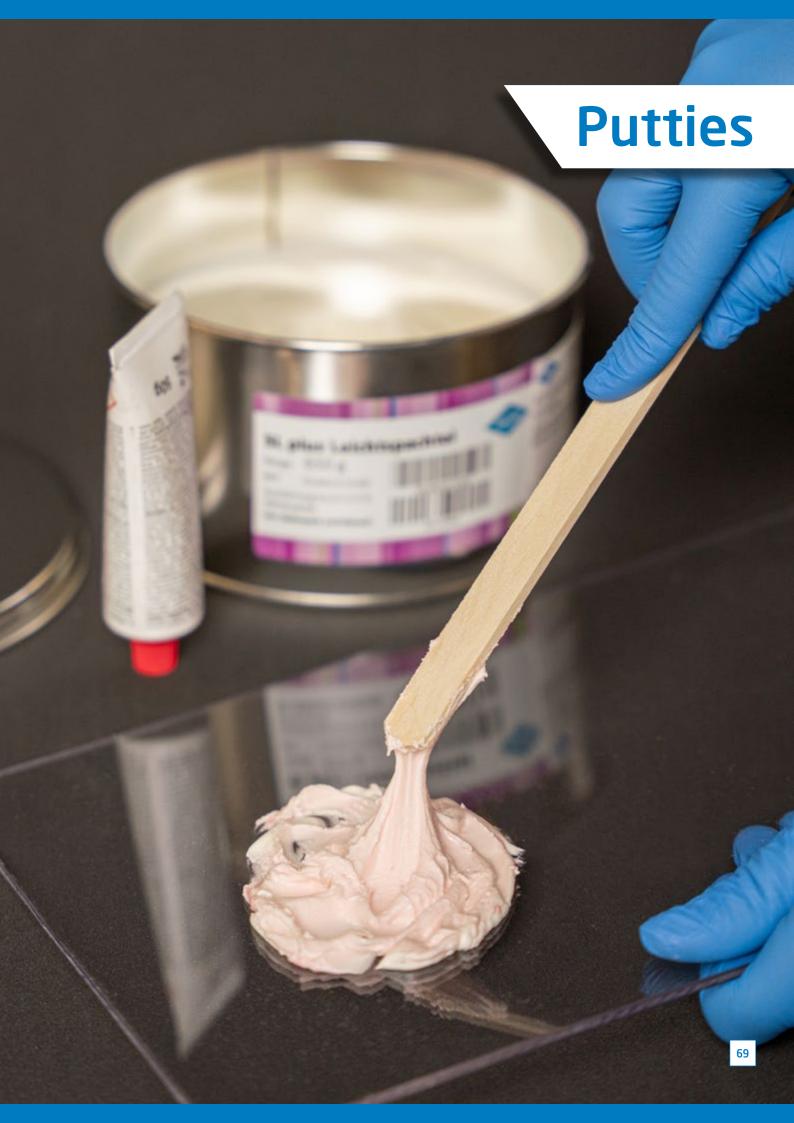
Properties

• Square shape makes it easy to mix the contents on the bottom of a cup

| REF | Dimensions L x B x H/mm | PU |
|---------------|-------------------------|------------|
| 74.007.010.26 | 260 x 16 x 3 | 100 Pieces |
| 60.173.000.00 | 150 x 20 x 2.5 | 100 Pieces |



60.173.000.00



70.840.0XX.00

Putties

Our putties are suitable for all orthopedic applications. Use our hardener paste REF 70.806.005.01 or 70.806.020.01 for hardening.

◆ Light Putty



Application

- For embedding adapters or metal bars
- For cosmetic compensation

Material

• Polyester resin-based putty

Processing

- Store at a max. temperature of 30 °C, always in tightly sealed containers
- Protect from direct sunlight
- Only use on surfaces that are free from grease and dust
- Roughen subsurfaces for improved adhesion
- Homogenize putty inside the container by stirring before removing it from the can

- Very light
- Pot life: 12 min
- Curing time: 30 min
- Very good adhesion on acrylic and epoxy resin laminates
- Use no more than 3 4 % hardening paste

| REF | Content | PU |
|---------------|----------|-------|
| 70.840.010.00 | 650 g | 1 Can |
| 70.840.025.00 | 1.625 kg | 1 Can |



70.841.0XX.00



70.842.0XX.00



Application

• Correcting putty e.g. for shoe lasts made from PUR/wood or casting slip

Material

• Polyester-based modelling putty

Processing

- Store at a max. temperature of 30 °C, always in tightly sealed containers
- Protect from direct sunlight
- Only use on surfaces that are free from grease and dust
- Roughen subsurfaces for improved adhesion
- Homogenize putty inside the container by stirring before removing it from the can

Properties

- Easy to sand
- Pot life: 8 min
- Curing time: 20 min
- Very suitable for nailing
- Use a maximum of 3 4 % hardening paste

| REF | Content | PU |
|---------------|---------|-------|
| 70.841.010.00 | 1.0 kg | 1 Can |





Application

- For filling larger cracks and gaps
- Hardener included

Material

• Polyester-based putty, reinforced with glass fibers

Processing

- Store at a max. temperature of 30 °C, always in tightly sealed containers
- Protect from direct sunlight
- Only use on surfaces that are free from grease and dust
- Roughen subsurfaces for improved adhesion
- Homogenize putty inside the container by stirring before removing it from the can

- Styrene-reduced
- High strength
- · Pot life: 3.5 min
- Curing time: 12 min
- Use a maximum of 3 4 % hardening paste

| REF | Content | PU |
|---------------|---------|-------|
| 70.842.008.00 | 800 g | 1 Can |
| 70.842.020.00 | 2.0 kg | 1 Can |



70.806.0XX.01







Application

• Hardener for all putties except epoxy resin putty

Material

• Benzoyl-peroxide-based hardening paste (50 %)

Properties

Red

| REF | Content | PU |
|---------------|---------|--------|
| 70.806.005.01 | 50 | 1 Tube |
| 70.806.020.01 | 200 | 1 Tube |



70.843.012.00

Glass Fiber Shreds

Application

• Glass fiber shreds suitable as a filling material in combination with putties and sealing resin

Material

· Glass fiber shreds

- Fiber length approx. 6 mm
- Can be used to embed 3-prong and 4-prong adapters when combined with putties and sealing resins
- Significantly increases the putty's stability
- Mixing ratio depends on the desired result, the mix should never contain more glass fiber shreds than sealing resin

| REF | Content | PU |
|---------------|---------|-------|
| 70.843.012.00 | 200 | 1 Bag |



| Resins | | | | |
|--------------------|--|--|--|--|
| | The second secon | 1) Market | On the state of th | |
| | Laminating Resin 80:20 | Carbon Fiber Acrylic Resin | Sealing Resin | |
| | Page 76 | Page 77 | Page 78 | |
| REF | 70.802.0XX.01 | 70.803.XXX.01 | 70.801.0XX.01 | |
| Product Properties | | | | |
| Material | Acrylic resin (PMMA) | Acrylic resin (PMMA) | Acrylic resin (PMMA) | |
| Viscosity | 500 mPas | 400 mPas | 320 mPas | |
| Pot Life | 20 min | 20 min | 5 min | |
| Curing Time | 60 min | 60 min | 20 min | |
| Container Size | 900 g, 4.6 kg | 900 g, 4.6 kg, 25 kg | 900 g, 4.6 kg | |
| Hardener | 1-3 % Hardener 70.805.0XX.02 | 1-3 % Hardener 70.805.0XX.02 | 1-3 % Hardener 70.805.0XX.02 | |
| Application | | | | |
| Orthoses | • | • | | |
| Prosthetic Socket | • | • | | |
| Flaps | | | | |
| Reinforcement | | | • | |
| Sealing | | | • | |
| Adhesion | | | • | |

| - Table - Tabl | Previously known as Epoxy Resin | 1- Martines and a series of the series of th | The state of the s | - Total and a state of the stat |
|--|---------------------------------------|--|--|--|
| Soft Resin | Vinylester Resin | DEGAPLAST Laminating Resin 80:20 | DEGAPLAST C Carbon Fiber Acrylic Resin | DEGAPLAST Sealing Resin |
| Page 79 | Page 80 | Page 81 | Page 82 | Page 83 |
| 70.805.0XX.01 | 70.804.0XX.01 | 70.062.005.00 | 70.649.005.00 | 70.060.005.00 |
| | | | | |
| Acrylic resin (PMMA) | Vinylester Resin | Acrylic resin (PMMA) | Acrylic resin (PMMA) | Acrylic resin (PMMA) |
| 900 mPas | 370 mPas | 500 mPas | 400 mPas | 320 mPas |
| 15 min | 15 min | 20 min | 20 min | 5 min |
| 120 min | 50 min | 60 min | 60 min | 20 min |
| 900 g, 4.6 kg | 900 g, 4.6 kg | 4.6 kg | 4.6 kg | 4.6 kg |
| 1-3 % Hardener 70.805.0XX.02 | 1 % Hardener 70.805.0XX.02 | 1-3 % Hardener 70.805.0XX.02 | 1-3 % Hardener 70.805.0XX.02 | 1-3 % Hardener 70.805.0XX.02 |
| | | | | |
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| | | | | |



70.802.0XX.01

◆ Laminating Resin 80:20 ��

Application

• Laminating resin 80: 20 for the manufacture of pieces like orthoses and prosthetic sockets

Material

• Acrylic resin (PMMA) with 20 % soft resin

Processing

- Store at a max. temperature of 35 °C, always in tightly sealed containers, recommended temperature: 15 20 °C
- Protect from direct sunlight
- Use 1 3 g hardener REF 70.805.0XX.0X for 100 g resin, depending on reinforcement, for curing
- Adding approx. 2 g coloring paste REF 70.699.200.XX, black color shortens pot time
- Weigh all components and mix thoroughly
- Curing is gradual and begins at the areas with the highest concentration of resin as well as the most carbon fiber

- Viscosity: 500 mPas
- Pot time: 20 min
- Curing time: 60 min
- Thermoplastic

| REF | Content | PU |
|---------------|---------|------------|
| 70.802.009.01 | 900 g | 1 Canister |
| 70.802.046.01 | 4.6 kg | 1 Canister |



70.803.XXX.01



70.839.000.01

Carbon Fiber Acrylic Resin



Application

• Laminating resin specifically for the treatment of carbon fiber, for the manufacture of pieces like orthoses and prosthetic sockets

Material

• Acrylic resin (PMMA) with low viscosity

Processing

- Store at a max. temperature of 35 °C, always in tightly sealed containers, recommended temperature: 15 - 20 °C
- Protect from direct sunlight
- Use 1 3 g hardener REF 70.805.0XX.0X for 100 g resin, depending on reinforcement, for curing
- Adding approx. 2 g coloring paste REF 70.699.200.XX, black color shortens pot time
- Weigh all components and mix thoroughly
- Curing is gradual and begins at the areas with the highest concentration of resin as well as the most carbon fiber

- Viscosity: 400 mPas
- Pot time: 20 min
- Curing time: 60 min
- Thermoplastic
- The Fiber reinforcement is well flushed due to the low viscosity
- Enables the production of components with a low resin content

| Content | PU |
|---------|----------------------------|
| 900 g | 1 Canister |
| 4.6 kg | 1 Canister |
| 25 kg | 1 Canister |
| es | Product |
| | Drain Cock f.25kg Tin Cans |
| | 900 g 4.6 kg 25 kg |



70.801.0XX.01



Application

• For reinforcing, sealing, and glueing pieces like orthoses and prosthetic sockets

Material

• Acrylic resin (PMMA)

Processing

- Store at a max. temperature of 35 °C, always in tightly sealed containers, recommended temperature: 15 20 °C
- Protect from direct sunlight
- Use 1 3 g hardener REF 70.805.0XX.0X for 100 g resin, depending on reinforcement, for curing
- Adding approx. 2 g coloring paste REF 70.699.200.XX, black color shortens pot time
- Weigh all components and mix thoroughly
- Curing is gradual and begins at the areas with the highest concentration of resin as well as the most carbon fiber

- Viscosity: 320 mPas
- Pot time: 5 min
- Curing time: 20 min
- Creates very strong adhesive bonds, e.g. between rigid foam withwood
- Can be used as putty when combined with filling material like e.g. glass fiber shreds REF 70.843.012.00

| REF | Content | PU |
|---------------|---------|------------|
| 70.801.009.01 | 900 g | 1 Canister |
| 70.801.046.01 | 4.6 kg | 1 Canister |



70.805.0XX.01





Application

• Soft resin for flexible laminates like e.g. tabs on hand orthoses, hip and knee disarticulations

Material

Acrylic resin (PMMA)

Processing

- Store at a max. temperature of 35 °C, always in tightly sealed containers, recommended temperature: 15 - 20 °C
- Protect from direct sunlight
- Use 1 3 g hardener REF 70.805.0XX.0X for 100 g resin, depending on reinforcement, for curing
- Adding approx. 2 g coloring paste REF 70.699.200.XX, black color shortens pot time
- Weigh all components and mix thoroughly
- Curing is gradual and begins at the areas with the highest concentration of resin as well as the most carbon fiber

- Viscosity: 900 mPas
- Pot time: 15 min
- Curing time: 120 min
- Remains permanently flexible
- Thermoplastic

| REF | Content | PU |
|---------------|---------|------------|
| 70.805.009.01 | 900 g | 1 Canister |
| 70.805.046.01 | 4.6 kg | 1 Canister |



70.804.0XX.01

◆ Vinylester Resin ���

The vinylester resin combines the positive properties of an acrylic and epoxy resins. Like all acrylic resins, it can be used with the hardening powder (REF 70.805.0XX.0X). After curing, the casting is similar to that of an epoxy resin.

Previously known as Epoxy Resin

Application

• Laminating resin for lightweight, thin-walled and very stable components

Material

· Epoxy resin

Processing

- Store at a max. temperature of 35 °C, always in tightly sealed containers, recommended temperature: 15 20 °C
- · Protect from direct sunlight
- Use 1 3 g hardener REF 70.805.0XX.0X for 100 g resin, depending on reinforcement, for curing
- Adding approx. 2 g coloring paste REF 70.699.200.XX, black color shortens pot time
- Weigh all components and mix thoroughly
- Curing is gradual and begins at the areas with the highest concentration of resin as well as the most carbon fiber
- Heat the laminate in a hot-air oven at approx. $80 \,^{\circ}$ C for 2-3 hours is possible, this increases the strength by 3-5 %. After this time, curing is complete and final strength is achieved

- Viscosity: 370 mPas
- Pot time: 15 min
- Curing time: 50 min
- Short curing period
- Especially suitable for the combination with carbon fibers

| REF | Content | PU |
|---------------|---------|------------|
| 70.804.009.01 | 900 g | 1 Canister |
| 70.804.046.01 | 4.6 kg | 1 Canister |

◆ DEGAPLAST® Acrylic Resins

Classic acrylic resins by Degaplast, for all orthopedic uses.



70.062.005.00

• DEGAPLAST® Laminating Resin 80 : 20 🗘 🅸

Application

• Laminating resin 80: 20 for the manufacture of pieces like orthoses and prosthetic sockets

Material

• Acrylic resin (PMMA)

Processing

- Store at a max. temperature of 35 °C, always in tightly sealed containers, recommended temperature: 15 – 20°C
- Protect from direct sunlight
- Use 1 3 g hardener REF 70.805.0XX.0X for 100 g resin, depending on reinforcement, for curing
- Adding approx. 2 g coloring paste REF 70.699.200.XX, black color shortens pot time
- Weigh all components and mix thoroughly
- Curing is gradual and begins at the areas with the highest concentration of resin as well as the most carbon fiber

- Viscosity: 500 mPas
- Pot time: 20 min
- Curing time: 60 min
- Thermoplastic

| REF | Content/kg | PU |
|---------------|------------|------------|
| 70.062.005.00 | 4.6 | 1 Canister |



70.649.005.00

• DEGAPLAST® C Carbon Fiber Acrylic Resin (1) (1)



Application

• Laminating resin specifically for the treatment of carbon fiber, for the manufacture of pieces like orthoses and prosthetic sockets

Material

• Acrylic resin (PMMA) with very low viscosity

Processing

- Store at a max. temperature of 35 °C, always in tightly sealed containers, recommended temperature: 15 - 20 °C
- Protect from direct sunlight
- Use 1-3 g hardener REF 70.805.0XX.0X for 100 g resin, depending on reinforcement, for curing
- Adding approx. 2 g coloring paste REF 70.699.200.XX, black color shortens pot time
- Weigh all components and mix thoroughly
- Curing is gradual and begins at the areas with the highest concentration of resin as well as the most carbon fiber

- Viscosity: 400 mPas
- Pot time: 20 min
- Curing time: 60 min
- Thermoplastic
- The Fiber reinforcement is well flushed due to the low viscosity
- Enables the production of components with a low resin content

| REF | Content/kg | PU |
|---------------|------------|------------|
| 70.649.005.00 | 4.6 | 1 Canister |



70.060.005.00

• DEGAPLAST® Sealing Resin 🗘 🕸



Application

For reinforcing, sealing, and glueing pieces like orthoses and prosthetic sockets

Material

Acrylic resin (PMMA)

Processing

- Store at a max. temperature of 35 °C, always in tightly sealed containers, recommended temperature: 15 - 20 °C
- Protect from direct sunlight
- Use 1-3 g hardener REF 70.805.0XX.0X for 100 g resin, depending on reinforcement, for curing
- Adding approx. 2 g coloring paste REF 70.699.200.XX, black color shortens pot time
- Weigh all components and mix thoroughly
- Curing is gradual and begins at the areas with the highest concentration of resin as well as the most carbon fiber

- Viscosity: 320 mPas
- Pot time: 5 min
- Curing time: 20 min
- Creates very strong adhesive bonds, e.g. between rigid foam with wood
- Can be used as putty when combined with filling material like e.g. glass fiber shreds REF 70.843.012.00

| REF | Content/kg | PU |
|---------------|------------|------------|
| 70.060.005.00 | 4.6 | 1 Canister |



70.805.0XX.01

◆ Hardener for Pouring Resins < ♦ ♦ ♦</p>







Application

• For all acrylic resins and our vinylester resin

Material

• Hardening powder 50 % benzoyl peroxide-based

Properties

- Easy to mix with all pouring resins
- Reduces the flow characteristics of acrylic resins

| REF | Content/g | PU |
|---------------|-----------|-------|
| 70.805.015.02 | 150 | 1 Bag |
| 70.805.050.02 | 500 | 1 Bag |

• Can Round with Screw Cap for Hardening Powder

| REF | Size/mm | PU |
|---------------|---|-------|
| 70.805.015.92 | 99 x 78 (fits for Hardening Powder 150g) | 1 Can |
| 70.805.050.92 | 99 x 125 (fits for Hardening Powder 500g) | 1 Can |

70.805.0XX.03

◆ Hardener for Pouring Resins Phthalate Free () (b) (b)





Application

• For all acrylic resins and our vinylester resin

Material

• Hardening powder 50 % benzoyl peroxide-based

Properties

- Easy to mix with all pouring resins
- Reduces the flow characteristics of acrylic resins

| REF | Content/g | PU |
|---------------|-----------|-------|
| 70.805.015.03 | 150 | 1 Bag |
| 70.805.050.03 | 500 | 1 Bag |

• Can Round with Screw Cap for Hardening Powder Phthalate Free

| REF | Content | PU |
|---------------|---|-------|
| 70.805.015.93 | 99 x 78 (fits for Hardening Powder 150g) | 1 Can |
| 70.805.050.93 | 99 x 125 (fits for Hardening Powder 500g) | 1 Can |



74.005.001.00



Application

- Filling material for acrylic resins
- Suitable as a separating agent between plaster negative and plaster positive
- As a lubricant for PVA films

Material

• Hydrated magnesium silicate (Talcum)

Properties

- Grain size approx. 30µm
- Degree of whiteness R457

| REF | Content/kg | PU |
|---------------|------------|-------|
| 74.005.001.00 | 1.0 | 1 Bag |

• Can Round with Screw Cap for Talcum

| REF | Size/mm | PU |
|---------------|---------------------------------|-------|
| 74.005.001.99 | 118 x 185 (fits for Talcum 1kg) | 1 Can |





Measuring spoons are used to dose the hardening powder, but are no replacement for weighing the casting resin and the added hardener to determine the exact mixing ratio.



Application

• For dosing hardening powder

Material

• Polystyrene

| REF | Filling Capacity/ml | Filling Capacity/g | PU |
|---------------|---------------------|--------------------|-----------|
| 74.007.021.75 | 1.75 | 1.5 | 10 Pieces |



70.669.XXX.XX



Mix the acrylic or epoxy resin and the resin dye very well before adding the hardener

Resin Dye for Pouring Resins

Application

• For coloring acrylic resins, epoxy resins and putties

Material

• Color pigment paste

Properties

• Easy to mix with acrylic resins, epoxy resins, and putties

| REF | Color | Content/g | PU |
|---------------|-------|-----------|-------|
| 70.699.200.01 | White | 200 | 1 Can |
| 70.699.200.02 | Beige | 250 | 1 Can |
| 70.699.200.03 | Black | 200 | 1 Can |
| 70.699.200.04 | Blue | 200 | 1 Can |
| 70.699.200.05 | Red | 200 | 1 Can |



74.007.001.0X

Mixing Cup with Scale

Application

• For mixing e.g. acrylic resins with hardener and resin dye

Material

• Polypropylene

Properties

• With scale e.g. for our acrylic resins

| REF | Filling Capacity/ml | PU |
|---------------|---------------------|------------|
| 74.007.001.03 | 200 | 100 Pieces |
| 74.007.001.04 | 400 | 100 Pieces |





60.173.000.00

◆ Wooden Spatula

Application

• Multi-purpose wooden spatula

Material

Wood

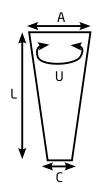
Properties

• Square shape allows for effective mixing on the bottom of the mixing cup

| REF | Dimensions L x W x H/mm | PU |
|---------------|-------------------------|------------|
| 74.007.010.26 | 260 x 16 x 3 | 100 Pieces |
| 60.173.000.00 | 250 x 10 x 2.5 | 100 Pieces |



70.28X.XXX.XX



◆ PVA Film Sleeves, Open on Both Ends

Application

• For working with acrylic resin, polyester resin, epoxy resin, prepreg and silicone

Material

• Polyvinyl alcohol (PVA)

Properties

- Very tear-resistant
- Heavy duty quality
- Strong fused seam
- Water soluble
- Sizes available for all prevalent orthosis types and amputation types
- Folded quality

Measurements L, A, C, U see drawing

| REF | Dimensions L x A x C/cm | U=Circum- ference/cm | Material Thick- ness/mm | PU |
|---------------|----------------------------|-------------------------|----------------------------|-----------|
| 70.287.077.20 | 77 x 20 x 5 | 40 | 0.08 | 10 Pieces |
| 70.287.077.28 | 77 x 28 x 5 | 55 | 0.08 | 10 Pieces |
| 70.288.100.10 | 100 x 10 x 5 | 20 | 0.1 | 10 Pieces |
| 70.288.100.13 | 100 x 13 x 5 | 25 | 0.1 | 10 Pieces |
| 70.288.100.15 | 100 x 15 x 5 | 30 | 0.1 | 10 Pieces |
| 70.288.100.18 | 100 x 18 x 5 | 35 | 0.1 | 10 Pieces |
| 70.288.100.20 | 100 x 20 x 5 | 40 | 0.1 | 10 Pieces |
| 70.288.100.23 | 100 x 23 x 5 | 45 | 0.1 | 10 Pieces |
| 70.288.100.25 | 100 x 25 x 5 | 50 | 0.1 | 10 Pieces |
| 70.288.100.28 | 100 x 28 x 5 | 55 | 0.1 | 10 Pieces |
| 70.288.100.30 | 100 x 30 x 5 | 60 | 0.1 | 10 Pieces |
| 70.288.100.33 | 100 x 33 x 5 | 65 | 0.1 | 10 Pieces |
| 70.288.100.36 | 100 x 36 x 5 | 70 | 0.1 | 10 Pieces |
| 70.288.100.40 | 100 x 40 x 5 | 80 | 0.1 | 10 Pieces |
| 70.288.100.45 | 100 x 45 x 5 | 90 | 0.1 | 10 Pieces |
| 70.288.100.50 | 100 x 50 x 5 | 100 | 0.1 | 10 Pieces |
| 70.288.130.15 | 130 x 15 x 5 | 30 | 0.1 | 10 Pieces |
| 70.288.130.18 | 130 x 18 x 5 | 35 | 0.1 | 10 Pieces |
| 70.288.130.20 | 130 x 20 x 5 | 40 | 0.1 | 10 Pieces |
| 70.288.130.23 | 130 x 23 x 5 | 45 | 0.1 | 10 Pieces |
| 70.288.130.26 | 130 x 26 x 5 | 50 | 0.1 | 10 Pieces |
| 70.288.130.28 | 130 x 28 x 5 | 55 | 0.1 | 10 Pieces |
| 70.288.130.30 | 130 x 30 x 5 | 60 | 0.1 | 10 Pieces |
| 70.288.130.35 | 130 x 35 x 5 | 70 | 0.1 | 10 Pieces |





◆ PVA Bags, with Closed Distal End

Application

• For working with acrylic resin, polyester resin, epoxy resin and silicone

Materia

• Polyvinyl alcohol (PVA)

- Rounded, closed distal end, binding-off not required
- No resin pooling on the distal end
- · Very tear-resistant
- Heavy duty quality
- Strong fused seam
- Water soluble
- Sizes available for all prevalent amputation types

| REF | Dimensions L x B x C/cm | Circumfer- ence prox- imal/cm | Circum- ference distal/cm | Material Thick- ness/mm | PU |
|----------------|----------------------------|-------------------------------------|---------------------------------|----------------------------|----------|
| PA.02CE0060300 | 70×15×8 | 30 | 16 | 0.08 | 5 Pieces |
| PA.02CE0080300 | 70 x 20 x 8 | 40 | 16 | 0.08 | 5 Pieces |
| PA.02CE0080500 | 70×20×13 | 40 | 26 | 0.08 | 5 Pieces |
| PA.02CE0100300 | 70 x 25 x 8 | 50 | 16 | 0.08 | 5 Pieces |
| PA.02CE0100500 | 70×25×13 | 50 | 26 | 0.08 | 5 Pieces |
| PA.02CE0100700 | 70×25×18 | 50 | 36 | 0.08 | 5 Pieces |
| PA.02CE0120300 | 70 x 30 x 8 | 60 | 16 | 0.08 | 5 Pieces |
| PA.02CE0120500 | 70×30×13 | 60 | 26 | 0.08 | 5 Pieces |
| PA.02CE0120700 | 70 x 30 x 18 | 60 | 36 | 0.08 | 5 Pieces |
| PA.02CE0140300 | 70 x 35 x 8 | 70 | 16 | 0.08 | 5 Pieces |
| PA.02CE0140500 | 70 x 35 x 13 | 70 | 26 | 0.08 | 5 Pieces |
| PA.02CE0140700 | 70 x 35 x 18 | 70 | 36 | 0.08 | 5 Pieces |







Application

• For working with acrylic resin, polyester resin, epoxy resin, prepreg and silicone

Material

• Polyvinyl alcohol (PVA)

Properties

- Very tear-resistant
- Heavy duty quality
- Water soluble
- Sold on rolls

| REF | Roll Width/mm | Length Roll/m | Material Thick- ness/mm | PU |
|---------------|---------------|------------------|----------------------------|--------|
| 70.286.076.00 | 760 | 30 | 0.08 | 1 Roll |
| 70.286.100.00 | 1000 | 30 | 0.08 | 1 Roll |
| 70.286.130.00 | 1300 | 30 | 0.08 | 1 Roll |
| 70.287.000.01 | 1300 | 30 | 0.1 | 1 Roll |







Application

• For working with epoxy resin and prepreg materials.

Material

• Polyvinyl chloride (PVC)

Properties

- Very tear-resistant
- Fuses easily
- Easy to glue with PVC Adhesive Tape REF 70.225.006.50 or 70.225.019.50

PU = Mininum order quantity: 1 m (only sold in whole running meters)

| REF | Roll Width/mm | Color | Material Thick- ness/mm | PU |
|---------------|---------------|------------------------|----------------------------|-------------|
| 72.000.821.10 | 1300 | Crystal Clear/Shiny | 0.12 | min. 1 m |
| 72.000.821.11 | 1400 | Opaque/ Matte | 0.12 | min. 1 m |

Original rolls with 200 m available upon request



70.219.008.01

◆ 3M PE Adhesive Tape

Application

- For sealing PVA films
- Versatile in use

Material

• Polyethylene film with acrylate adhesive

Properties

- Transparent
- Elastic
- Strong adhesion
- Resistant to chemicals

| REF | Length/m | Width/mm | Thickness/mm | PU |
|---------------|----------|----------|--------------|--------|
| 70.219.008.01 | 33 | 25.4 | 0.13 | 1 Roll |



70.220.0XX.25

Coroplast Adhesive Tape

Application

• Adhesive tape for taping PVC films and many other purposes

Material

• Soft PVC film coated with acrylic adhesive

- Tear-resistant
- Heavy-duty quality
- Thermally stable
- Elastic
- Strong adhesion

| REF | Length/m | Width/mm | Thickness/mm | PU |
|---------------|----------|----------|--------------|--------|
| 70.220.038.25 | 25 | 38 | 0.10 | 1 Roll |
| 70.220.050.25 | 25 | 50 | 0.10 | 1 Roll |



70.222.000.00

◆ Vacuum Sealing Tape

Application

• Sealing tape for manufacturing or sealing vacuum bags made from PVA or PVC

Material

• Synthetic rubber

Properties

- Temperature-resistant
- Easy to demold

| REF | Length/m | Width/mm | Thickness/mm | PU |
|---------------|----------|----------|--------------|--------|
| 70.222.000.00 | 7.6 | 12 | 3 | 1 Roll |



74.003.001.03

◆ Plasticine Modelling Putty

Application

- For sealing PVA films
- Versatile in use

Material

• Polyethylene film with acrylate adhesive

- High temperature resistant
- Easily mouldable

| REF | Content/g | Color | PU |
|---------------|-----------|-------|---------|
| 74.003.001.03 | 500 | Grey | 1 Piece |





Application

• For glueing PVC films and fastening reinforcement materials like carbon

Materia

• PVC film with acrylic adhesive

Properties

- Extremely thin PVC adhesive film
- No backing material
- Dissolves into the laminate during processing procedure

| REF | Length/m | Width/mm | PU |
|---------------|----------|----------|--------|
| 70.225.006.50 | 50 | 6 | 1 Roll |
| 70.225.019.50 | 50 | 19 | 1 Roll |



◆ Adhesive Foam Tape

Application

• For sealing and isolating during the thermoforming and laminating process

Material

• EPDM Foam coated with natural rubber adhesive

- Black
- Temperature resistant -40 °C up to +100°C
- 40 Shore 00
- Very good adhesion
- High-quality seal against e.g. water
- Adhesive on one side

| REF | Length/m | Width/mm | Thickness/mm | PU |
|---------------|----------|----------|--------------|--------|
| 70.219.005.01 | 10 | 25 | 4 | 1 Roll |



Filament Adhesive Tape / Glass Fiber Adhesive Tape

Application

• For reinforcing and securing prosthetic sockets

Material

• Polypropylene adhesive tape with glass fiber reinforcement

Properties

- Extremely tear-resistant
- Adhesive on one side

| REF | Length/m | Width/mm | PU |
|---------------|----------|----------|--------|
| 70.226.019.50 | 50 | 19 | 1 Roll |



Linen Adhesive Tape

Application

• Multi-purpose adhesive tape, e.g. for sealing and reinforcing during the laminating process

Material

• Linen textile coated with natural rubber adhesive

- Strong adhesion
- High tensile strength and tear resistance
- Adhesive on one side

| REF | Length/m | Width/mm | PU |
|---------------|----------|----------|--------|
| 70.221.019.00 | 50 | 19 | 1 Roll |
| 70.221.025.00 | 50 | 25 | 1 Roll |



Masking Tape

Application

• Multi-purpose adhesive tape, e.g. for masking and isolating while painting

Materia

• Special paper coated with natural rubber adhesive

Properties

- Good adhesion on a multitude of surfaces
- For temporary fixation
- · Can be written on
- Adhesive on one side

| REF | Length/m | Width/mm | PU |
|---------------|----------|----------|--------|
| 70.223.025.50 | 50 | 25 | 1 Roll |



• Masking Tape, Heavily Creped

Application

• Multi-purpose adhesive tape, e.g. for masking and isolating during the painting process

Material

• Special paper, heavily creped, coated with natural rubber adhesive

- Good adhesion on a multitude of surfaces
- For temporary fixation
- Can be written on
- Adhesive on one side
- Removable without residue
- Tears off easily
- Especially suitable for masking narrow curves

| REF | Length/m | Width/mm | PU |
|---------------|----------|----------|--------|
| 70.223.125.50 | 50 | 25 | 1 Roll |



The Prepreg Technique

Prepreg materials used for orthopedic purposes are so-called low-temperature prepregs. They can be cured at temperatures between 80 - 100°C, without destroying the models prevalent in current orthotics.

It is important to maintain the vacuum throughout the entire curing process. We recommend curing the material at a vacuum level of approx. 0.8 bar.

Information on Processing:

- Carbon Fiber: Direction of application: see example "Sole" below
- **Aramid Fiber:** Aramid fibers are UV-sensitive, and should be embedded into the composite.
- **Dyneema**® is a material with polyethylene as its base material. Important: Dyneema functions as a separating layer and should/may thus only be used along the edges. Technician's Tip: place approx. 1.5 2 cm between the carbon layers to create a flexible tab.
- Peeling Fabric and Fleece act as a venting layer and absorb excess matrix resin. When the
 peeling fabric is removed, the prepreg will have an evenly rough surface. This is helpful for
 the further processing procedure, since the fibers do not have to be roughened manually and
 thus will not get damaged.

Prepreg Technique vs. Manual Lamination:

Hand Lamination: Wet or manual lamination is the oldest and comparatively most simple procedure for manufacturing orthopedic components. CFK reinforcement layers are soaked in resin and laminated by hand. The component is then cured under vacuum film, where excess resin gets extracted by suction.

Concerning fiber volume ratio, reproducibility and component complexity, manual laminates are considerably weaker than other production methods. The manual application of resin makes it hard to achieve a specific, even and constant resin content all over the component. It is also harder to add additional or reinforcing layers in an exact manner.

Prepreg Technique: Achieving an even resin content within the component is much easier when using prepreg material (i.e. pre-impregnated textile semifinished fiber-matrix material). The mechanical impregnating process secures an even saturation of the fibers with epoxy resin and hardener, thus allowing for both ideal reproducibility and maximum stability of the carbon components.

To ensure that the vulcanization will not be activated prematurely, it is important to make sure that the cold chain during storage remains virtually uninterrupted. Components produced using the prepreg technique - which require comparatively little manual retouching - are also aesthetically pleasing: This is why they are also often used as visual components in discerning industrial sectors such as the automobile or aviation industry.

Thus, producing an orthopedic component with prepreg materials is recommendable whenever you have especially high demands on the component 's capacity to withstand strain and dynamic stress. Using prepreg materials will lead to reproducible results which are pleasant to both eye and touch.

Direction of Application: Example Sole

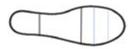


Always apply **unidirectional material** stretched and with light tension.

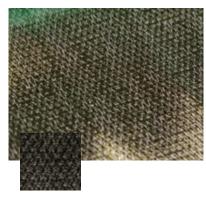
Apply at 0/90°, this way the fibers can act dynamically.



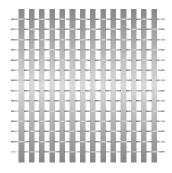
Do not compress or stretch **bidirectional material** while draping it in order not to change the fiber angle. Apply at +/- 45°, so torsional forces can be absorbed.



It is possible to cater to the users' individual needs by **adapting the design of the individual layers**.



72.000.804.0X



Carbon Fiber Prepreg, Unidirectional



Application

- For the manufacture of very strong and thin prepreg orthoses
- Base material for the manufacture of e.g. frame constructions for orthoses and prostheses
- Facilitates the energy transmission of axial and circular forces

Material

• Carbon fiber pre-impregnated with epoxy resin

Properties

- Unidirectional composite
- Areal weight 410 g/m²
- High tensile strength, very pressure resistant
- Easy to drape
- Resin content approx. 42 %

Storage

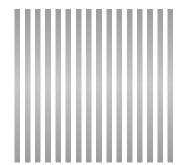
- Storage life: 12 months at -18 $^{\circ}\text{C}$
- Storage life: 21 days at 21°C max.

Processing Recommendation

• Curing time at 100 °C approx. 5 – 8 h, depending on model

| REF | Length/ mm | Width/mm | Weave Type | Areal Weight/g/m² | PU |
|---------------|---------------|----------|----------------|----------------------|--------|
| 72.000.804.01 | 1000 | 1000 | Unidirectional | 410 | 1 Roll |
| 72.000.804.03 | 3000 | 1000 | Unidirectional | 410 | 1 Roll |
| 72.000.804.05 | 5000 | 1000 | Unidirectional | 410 | 1 Roll |





Carbon Fiber Prepreg, Purely Unidirectional \$\lambda\$\$ \text{\$\text{\$\chi_{\text{\text{\$\chi_{\text{\$\endowntrne{\chi_{\text{\$\chi_{\text{\$\chi_{\text{\$\chi_{\text{\$\chi_{\text{\$\chi_{\text{\$\endowntrne{\chi_{\text{\$\endowntrne{\chi_{\text{\$\chi_{\text{\$\chi_{\text{\$\endowntrne{\endowntrne{\chi_{\text{\$\chi_{\text{\$\chi_{\text{\$\chi_{\text{\$\endowntrne{\chi_{\text{\$\chi_{\text{\$\chi_{\text{\$\chi_{\text{\$\chi_{\chi_{\text{\$\chi_{\text{\$\chi_{\text{\$\chi_{\text{\$\chi_{\text{\$\endowntrne{\chi_{\text{\$\endowntrue{\chi_{\text{\$\endowntrue{\endowntrue{\endowntrue{\chi_{\chi_{\text{\$\endowntrue{\chi_{\text{\$\endowntrue{\endowntrue{\chi_{\text{\$\endowntrue{\endo



Application

- For the manufacture of very strong and thin prepreg orthoses
- Base material for the manufacture of e.g. frame constructions for orthoses and prostheses
- Facilitates the energy transmission of axial and circular forces

Material

• Carbon fiber pre-impregnated with epoxy resin

Properties

- Purely unidirectional composite
- Areal weight 300 g/m²
- High tensile strength, very pressure resistant
- Easy to drape
- Resin content approx. 36 %

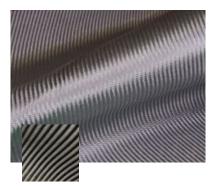
Storage

- Storage life: 12 months at -18 $^{\circ}\text{C}$
- Storage life: 21 days at 21°C max.

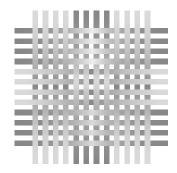
Processing Recommendation

• Curing time at 100 °C approx. 5 – 8 h, depending on model

| REF | Length/ mm | Width /mm | Weave Type | Areal Weight/g/m² | PU |
|---------------|---------------|--------------|-----------------------|----------------------|--------|
| 72.000.804.51 | 1000 | 600 | Purely Unidirectional | 300 | 1 Roll |
| 72.000.804.53 | 3000 | 600 | Purely Unidirectional | 300 | 1 Roll |
| 72.000.804.55 | 5000 | 600 | Purely Unidirectional | 300 | 1 Roll |



72.000.805.0X



Carbon Fiber Prepreg, Bidirectional



Application

- For the manufacture of very strong and thin prepreg orthoses
- Suited for use as a reinforcement layer to reduce torsional forces

Material

- Carbon fiber, pre-impregnated with epoxy resin
- Attractive carbon fiber appearance

Properties

- Bidirectional twill weave 4:4
- Areal weight: 280 g/m²
- High tensile strength, very pressure resistant
- Resin content: approx. 42 %
- · Suitable for surfaces

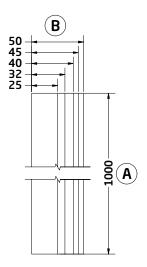
Storage

- Storage life: 12 months at -18 $^{\circ}\text{C}$
- Storage life: 21 days at 21 °C max.

Processing Recommendation

• Curing time at 100 °C approx. 5 – 8 h, depending on model

| REF | Length/ mm | Width/ mm | Weave Type | Areal Weight/g/m² | PU |
|---------------|---------------|--------------|-----------------|----------------------|--------|
| 72.000.805.01 | 1000 | 1250 | 4:4 Twill Weave | 280 | 1 Roll |
| 72.000.805.03 | 3000 | 1250 | 4:4 Twill Weave | 280 | 1 Roll |
| 72.000.805.05 | 5000 | 1250 | 4:4 Twill Weave | 280 | 1 Roll |





◆ Pre-Cut Prepreg "Strips", Made From Unidirectional Carbon Fiber Prepreg

Application

- The pre-cut strips are available in various widths, will help save time in the workshop and also keep the interruption of the cold chain at a minimum
- For the manufacture of very strong and thin prepreg orthoses
- Base material for the manufacture of e.g. frame constructions for orthoses and prostheses
- Facilitates the energy transmission of axial and circular forces

Material

• Carbon fiber pre-impregnated with epoxy resin

Properties

- Pre-cut strips, length: 1000 mm
- Selection of widths: 25, 32, 40, 45 or 50 mm
- Cutting direction follows the direction of the carbon fibers
- Unidirectional composite
- Areal weight: 410 g/m²
- High tensile strength, very pressure resistant
- Easy to drape
- Resin content approx. 42 %

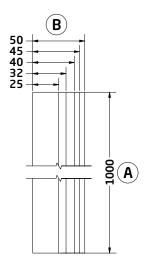
Storage

- Storage life: 12 months at -18 °C
- Storage life: 21 days at 21°C max.

Processing Recommendation

• Curing time at 100 °C approx. 5 – 8 h, depending on model

| REF | Length/mm Measurement A | Width/mm Measurement B | PU |
|---------------|----------------------------|---------------------------|-----------|
| 72.000.860.25 | 1000 | 25 | 20 Pieces |
| 72.000.860.32 | 1000 | 32 | 20 Pieces |
| 72.000.860.40 | 1000 | 40 | 20 Pieces |
| 72.000.860.45 | 1000 | 45 | 20 Pieces |
| 72.000.860.50 | 1000 | 50 | 20 Pieces |





Pre-Cut Prepreg "Strips", Made From Bidirectional Carbon Fiber Prepreg

Application

- The pre-cut strips are available in various widths, will help save time in the workshop and also keep the interruption of the cold chain at a minimum
- For the manufacture of very strong and thin prepreg orthoses
- Suited for use as a reinforcement layer to reduce torsional force

Material

• Carbon fiber, pre-impregnated with epoxy resin

Properties

- Pre-cut strips, length: 1000 mm
- Selection of widths: 25, 32, 40, 45 or 50 mm
- Cutting direction: at a 45° angle to the direction of the carbon fibers
- 4:4 bidirectional twill weave
- Areal weight: 280 g/m²
- High tensile strength, very pressure resistant
- Resin content: approx. 42 %
- Suitable for surfaces

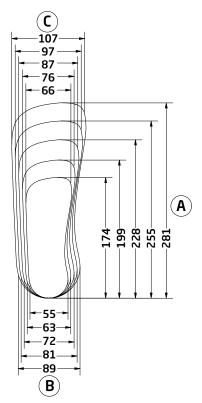
Storage

- Storage life: 12 months at -18 °C
- Storage life: 21 days at 21 °C max.

Processing Recommendation

• Curing time at 100 °C approx. 5 – 8 h, depending on model

| REF | Length/mm Measurement A | Width/mm Measurement B | PU |
|---------------|----------------------------|---------------------------|-----------|
| 72.000.854.25 | 1000 | 25 | 10 Pieces |
| 72.000.854.32 | 1000 | 32 | 10 Pieces |
| 72.000.854.40 | 1000 | 40 | 10 Pieces |
| 72.000.854.45 | 1000 | 45 | 10 Pieces |
| 72.000.854.50 | 1000 | 50 | 10 Pieces |





◆ Prepreg Pre-Cuts, Made From Bidirectional Carbon Fiber Prepreg

Application

- The pre-cuts are available in various sizes, will help save time in the workshop and also keep the interruption of the cold chain at a minimum
- For the manufacture of very strong and thin prepreg orthoses
- Suited for use as a reinforcement layer to reduce torsional force

Material

• Carbon fiber, pre-impregnated with epoxy resin

Properties

- Pre-cuts available in different shapes and sizes
- Size selection: sizes XS, S, M, L, XL
- Cutting direction: at a 45° angle to the direction of the carbon fibers
- 4:4 bidirectional twill weave
- Areal weight: 280 g/m²
- High tensile strength, very pressure resistant
- Resin content: approx. 42 %
- Suitable for surfaces

Storage

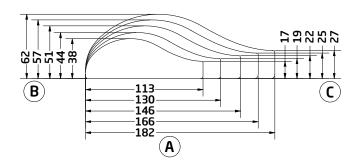
- Storage life: 12 months at -18 °C
- Storage life: 21 days at 21 °C max.

Processing Recommendation

• Curing time at 100 °C approx. 5 – 8 h, depending on model

Sole Shape

| REF | Size | Shoe Size EU | Measure- ment A/mm | Measure- ment B/mm | Measure- ment C/mm | PU |
|---------------|------|-----------------|--------------------------|--------------------------|--------------------------|-----------|
| 72.000.850.01 | XS | 25-28 | 174 | 55 | 66 | 10 Pieces |
| 72.000.850.02 | S | 29-32 | 199 | 63 | 76 | 10 Pieces |
| 72.000.850.03 | Μ | 33-36 | 228 | 72 | 87 | 10 Pieces |
| 72.000.850.04 | L | 37-40 | 255 | 81 | 97 | 10 Pieces |
| 72.000.850.05 | XL | 41-44 | 281 | 89 | 107 | 10 Pieces |

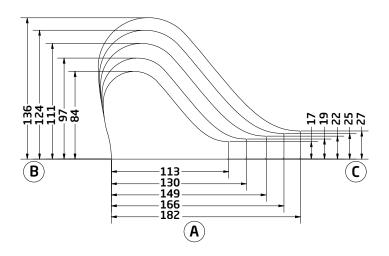




Lateral Upright, Short Version

| REF | Size | Measure- ment A/mm | Measure- ment B/mm | Measure- ment C/mm | PU |
|---------------|------|-----------------------|-----------------------|-----------------------|-----------|
| 72.000.851.01 | XS | 113 | 38 | 17 | 10 Pieces |
| 72.000.851.02 | S | 130 | 44 | 19 | 10 Pieces |
| 72.000.851.03 | Μ | 146 | 51 | 22 | 10 Pieces |
| 72.000.851.04 | L | 166 | 57 | 25 | 10 Pieces |
| 72.000.851.05 | XL | 182 | 62 | 27 | 10 Pieces |

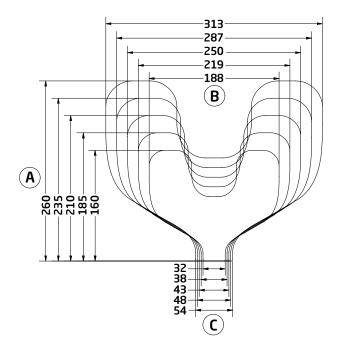
Please Note: To interrupt the cold chain as little as possible, prepreg materials are only shipped on Mondays, Tuesdays and Wednesdays. The product cannot be returned.





Lateral Upright, Long Version

| REF | Size | Measure- ment A/mm | Measure- ment B/mm | Measure- ment C/mm | PU |
|---------------|------|-----------------------|-----------------------|-----------------------|-----------|
| 72.000.852.01 | XS | 113 | 84 | 17 | 10 Pieces |
| 72.000.852.02 | S | 130 | 97 | 19 | 10 Pieces |
| 72.000.852.03 | Μ | 149 | 111 | 22 | 10 Pieces |
| 72.000.852.04 | L | 166 | 124 | 25 | 10 Pieces |
| 72.000.852.05 | XL | 182 | 136 | 27 | 10 Pieces |





Calf Strap

| REF | Size | Measure- ment A/mm | Measure- ment B/mm | Measure- ment C/mm | PU |
|---------------|------|-----------------------|-----------------------|-----------------------|-----------|
| 72.000.853.01 | XS | 160 | 188 | 32 | 10 Pieces |
| 72.000.853.02 | S | 185 | 219 | 38 | 10 Pieces |
| 72.000.853.03 | Μ | 210 | 250 | 43 | 10 Pieces |
| 72.000.853.04 | L | 235 | 287 | 48 | 10 Pieces |
| 72.000.853.05 | XL | 260 | 313 | 54 | 10 Pieces |



72.000.801.01



Application

• For tabs and flexible edges

Material

• Polyethylene fiber (PE) pre-impregnated with epoxy resin

Properties

- Bidirectional twill weave 2:2
- Areal weight: 160 g/m²
- Resin content: approx. 50 %
- Not suitable for load-bearing components

Storage

- Storage life: 12 months at -18 °C
- Storage life: 21 days at 21 °C max

Processing Recommendation

• Curing time at 100 °C approx. 5 – 8 h, depending on model

| REF | Length/ mm | Width/mm | Weave Type | Areal Weight/g/m² | PU |
|---------------|---------------|----------|-----------------|----------------------|--------|
| 72.000.801.01 | 1270 | 1000 | 2:2 Twill Weave | 160 | 1 Roll |

Please Note: To interrupt the cold chain as little as possible, prepreg materials are only shipped on Mondays, Tuesdays and Wednesdays. The product cannot be returned.



72.000.802.01

Aramide Prepreg 🗘 🕸

Application

• For tabs and e.g. for preventing breakage on sandals

Material

Aramide fibers pre-impregnated with epoxy resin

Properties

- Bidirectional twill weave 2:2
- Areal weight: 170 g/m²
- Resin content approx. 50 %
- Flexible and dimensionally stable

Storage

- Storage life: 12 months at -18 °C
- Storage life: 21 days at 21 °C max.

Processing Recommendation

• Curing time at 100 °C approx. 5 – 8 h, depending on model

| REF | Length/ mm | Width/mm | Weave Type | Areal Weight/g/m ² | PU |
|---------------|---------------|----------|-----------------|----------------------------------|--------|
| 72.000.802.01 | 1200 | 1000 | 2:2 Twill Weave | 170 | 1 Roll |



72.000.803.01

◆ Glass Fiber Prepreg ��

Application

• As a design layer or decorative layer

Material

• Glass fiber metallized with aluminum, pre-impregnated with epoxy resin

Properties

- Bidirectional twill weave 2:2
- Areal weight: 190 g/m²
- Resin content approx. 37 %
- Suitable for surfaces/as a decorative layer
- Metallized with aluminum on one side
- Color: silver

Storage

- Storage life: 12 months at -18 °C
- Storage life: 21 days at 21 °C max.

Processing Recommendation

• Curing time at 100 °C approx. 5 – 8 h, depending on model

| REF | Length/ mm | Width/mm | Weave Type | Areal Weight/g/m ² | PU | |
|---------------|---------------|----------|-----------------|----------------------------------|--------|--|
| 72.000.803.01 | 1200 | 1000 | 2:2 Twill Weave | 190 | 1 Roll | |



72.000.821.06

◆ Honeycomb Fleece, Foamed ���

Application

• Profile material for use with prepreg materials

Material

Polyester fiber pre-impregnated with epoxy resin

Properties

- Areal weight: 170 g/m²
- Resin content approx. 75 %
- Color: white
- Honeycomb structure
- Material thickness: 3 mm

Storage

- Storage life: 12 months at -18 $^{\circ}\text{C}$
- Storage life: 21 days at 21 °C max.

Processing Recommendation

• Curing time at 100 °C approx. 5 – 8 h, depending on model

| REF | Length/mm | Width/mm | Thickness/ mm | Areal Weight/g/m² | PU |
|---------------|-----------|----------|------------------|----------------------|--------|
| 72.000.821.06 | 1250 | 1000 | 3 | 170 | 1 Roll |

Please Note: To interrupt the cold chain as little as possible, prepreg materials are only shipped on Mondays, Tuesdays and Wednesdays. The product cannot be returned.



72.000.821.XX

Prepreg Cord (!) (**)



Application

- Profile material for use with prepreg materials
- For edges and reinforcement

Material

• PET cord covered with bidirectional carbon prepreg

Properties

- Areal weight of carbon prepreg cover: 200 g/m²
- · Color: black
- Cord thickness: 1 mm and 3 mm

Storage

- Storage life: 12 months at -18 °C
- Storage life: 21 days at 21 °C max.

Processing Recommendation

• Curing time at 100 °C approx. 5 – 8 h, depending on model

| REF | Diameter/mm | Length/m | PU |
|---------------|-------------|----------|--------|
| 72.000.821.04 | approx. 1.0 | 5 | 1 Roll |
| 72.000.821.05 | approx. 3.0 | 5 | 1 Roll |

Please Note: To interrupt the cold chain as little as possible, prepreg materials are only shipped on Mondays, Tuesdays and Wednesdays. The product cannot be returned.



Peeling Fabric

Application

• Suitable as a separating layer between carbon fiber prepreg and vacuum fleece

Material

• Nylon

Properties

- Can be peeled off
- Creates an even, clean, lightly rough surface; coatings, glue or varnishes are easier to apply
- Excess resin can ooze out during the curing process
- Heat resistant up to 230 °C
- Also suited for classic manual laminates

Mininum order quantity: 1 m (only sold in whole running meters)

| REF | Length/mm | Width/mm | Thickness/mm | PU |
|---------------|-----------|----------|--------------|----------|
| 72.000.821.07 | 1500 | 1000 | 0.02 | min. 1 m |



Suction Fleece

Application

- Makes it possible to establish a vacuum
- Air and excess resin can be extracted from the prepreg composite through the suction fleece.

 The suction fleece acts as a suction layer.
- Use only together with peeling fabric REF 72.000.821.07

Material

Polyester

Properties

- Air-Permeable
- Microporous
- Heat-resistant up to 205 °C max.

Mininum order quantity: 1 m (only sold in whole running meters)

| REF | Width/mm | PU |
|---------------|----------|--------|
| 72.000.821.08 | 1500 | min. 1 |





Application

• For creating matte and glossy surfaces when working with prepreg materials

Material

• Silicone

- Reusable
- Very elastic
- Heat-resistant up to 240 °C max.
- Glossy and matte version available

| REF | Length/mm | Width/mm | Thickness/mm | Version | PU |
|---------------|-----------|----------|--------------|---------|---------|
| 72.000.821.01 | 920 | 920 | 0.8 | Glossy | 1 Piece |
| 72.000.821.02 | 1000 | 1000 | 1.0 | Matte | 1 Piece |



72.000.821.13



Application

- Suitable for detaching agglutinated and joined prepreg materials
- Only suitable for industrial use. Do not apply on skin! Unprotected skin may get damaged by frostbite.

Material

• 100 % Aerosol spray Propane/Butane

Properties

- Precise cooling up to -45 °C
- The spray contains a special cooling agent for industrial purposes
- Colourless

| REF | Content/ml | PU |
|---------------|------------|-------|
| 72.000.821.13 | 400 | 1 Can |



70.222.000.00

◆ Vacuum Sealing Tape

Application

• Sealing tape for manufacturing or sealing vacuum bags made from PVA or PVC

Material

• Synthetic rubber

Properties

- Temperature-resistant
- Easy to demold

| REF | Length/m | Width/mm | Thickness/mm | PU |
|---------------|----------|----------|--------------|--------|
| 70.222.000.00 | 7.62 | 12 | 3 | 1 Roll |



70.219.008.01

◆ 3M PE Adhesive Tape

Application

- For sealing PVA films
- Versatile in use

Material

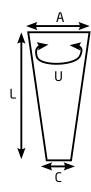
• Polyethylene film with acrylate adhesive

- Transparent
- Elastic
- Strong adhesion
- Resistant to chemicals

| REF | Length/m | Width/mm | Thickness/mm | PU |
|---------------|----------|----------|--------------|--------|
| 70.219.008.01 | 33 | 25.4 | 0.13 | 1 Roll |



70.28X.XXX.XX



◆ PVA Film Sleeves, Open on Both Ends

Application

• For working with acrylic resin, polyester resin, epoxy resin, prepreg and silicone

Materia

• Polyvinyl alcohol (PVA)

Properties

- Very tear-resistant
- Heavy duty quality
- Strong fused seam
- Water soluble
- Sizes available for all orthosis types and amputation types

Measurements L, A, C, U see drawing

| REF | Dimensions L x A x C/cm | U=Circum- ference/cm | Thickness/mm | PU |
|---------------|----------------------------|-------------------------|--------------|-----------|
| 70.287.077.20 | 77 x 20 x 5 | 40 | 0.08 | 10 Pieces |
| 70.287.077.28 | 77 x 28 x 5 | 55 | 0.08 | 10 Pieces |
| 70.288.100.10 | 100 x 10 x 5 | 20 | 0.1 | 10 Pieces |
| 70.288.100.13 | 100 x 13 x 5 | 25 | 0.1 | 10 Pieces |
| 70.288.100.15 | 100 x 15 x 5 | 30 | 0.1 | 10 Pieces |
| 70.288.100.18 | 100 x 18 x 5 | 35 | 0.1 | 10 Pieces |
| 70.288.100.20 | 100 x 20 x 5 | 40 | 0.1 | 10 Pieces |
| 70.288.100.23 | 100 x 23 x 5 | 45 | 0.1 | 10 Pieces |
| 70.288.100.25 | 100 x 25 x 5 | 50 | 0.1 | 10 Pieces |
| 70.288.100.28 | 100 x 28 x 5 | 55 | 0.1 | 10 Pieces |
| 70.288.100.30 | 100 x 30 x 5 | 60 | 0.1 | 10 Pieces |
| 70.288.100.33 | 100 x 33 x 5 | 65 | 0.1 | 10 Pieces |
| 70.288.100.36 | 100 x 36 x 5 | 70 | 0.1 | 10 Pieces |
| 70.288.100.40 | 100 x 40 x 5 | 80 | 0.1 | 10 Pieces |
| 70.288.100.45 | 100 x 45 x 5 | 90 | 0.1 | 10 Pieces |
| 70.288.100.50 | 100 x 50 x 5 | 100 | 0.1 | 10 Pieces |
| 70.288.130.15 | 130 x 15 x 5 | 30 | 0.1 | 10 Pieces |
| 70.288.130.18 | 130 x 18 x 5 | 35 | 0.1 | 10 Pieces |
| 70.288.130.20 | 130 x 20 x 5 | 40 | 0.1 | 10 Pieces |
| 70.288.130.23 | 130 x 23 x 5 | 45 | 0.1 | 10 Pieces |
| 70.288.130.26 | 130 x 26 x 5 | 50 | 0.1 | 10 Pieces |
| 70.288.130.28 | 130 x 28 x 5 | 55 | 0.1 | 10 Pieces |
| 70.288.130.30 | 130 x 30 x 5 | 60 | 0.1 | 10 Pieces |
| 70.288.130.35 | 130 x 35 x 5 | 70 | 0.1 | 10 Pieces |





Available in two material thicknesses (0.08 mm and 0.1 mm).

Application

• For working with acrylic resin, polyester resin, epoxy resin, prepreg and silicone

Material

Polyvinyl alcohol (PVA)

Properties

- Very tear-resistant
- Heavy duty quality
- Water soluble
- Sold on rolls

| REF | Roll Width/mm | Length Roll/m | Material Thickness/mm | PU |
|---------------|---------------|------------------|--------------------------|--------|
| 70.286.076.00 | 760 | 30 | 0.08 | 1 Roll |
| 70.286.100.00 | 1000 | 30 | 0.08 | 1 Roll |
| 70.286.130.00 | 1300 | 30 | 0.08 | 1 Roll |
| 70.287.000.01 | 1300 | 30 | 0.1 | 1 Roll |





Application

• For working with epoxy resin and prepreg materials

Material

• Polyvinylchlorid (PVC)

Properties

- Very tear-resistant
- Fuses easily
- Easy to glue with PVC Adhesive Tape REF 70.225.006.50 or 70.225.019.50

Mininum order quantity: 1 m (only sold in whole running meters)

| REF | Roll Width/mm | Color | Material Thickness/mm | PU |
|---------------|---------------|------------------------|--------------------------|-------------|
| 72.000.821.10 | 1300 | Crystal Clear/Shiny | 0.12 | min. 1 m |
| 72.000.821.11 | 1400 | Opaque/ Matte | 0.12 | min. 1 m |

Original rolls with 200 m available upon request



74.003.001.02

21.992.000.10

Sealing Wax

Application

• Suited as a separating agent and for isolating metal parts, to prevent them from attaching to other components

Material

• Mixed solid-lubricate waxes

| REF | Content/g | Color | PU |
|---------------|-----------|-----------|---------|
| 21.992.000.10 | 5 | Yellowish | 1 Piece |
| 74.003.001.02 | 425 | Yellowish | 1 Piece |



72.000.821.03

◆ Modelsil Silicone Modelling Putty

Application

- For isolating joints and bars
- Suitable to be used as a dummy/place holder

Material

RTV silicone

- Two-component silicone A and B
- Color: Beige
- Can be sanded once cured
- Processing time: 2 5 min depending on ambient temperature
- Kneading the putty in cold water will prolong the processing time
- Medical grade

| REF | Content/kg | Color | Scope of Delivery | PU |
|---------------|------------|-------|--------------------------|---------|
| 72.000.821.03 | 2×1 | Beige | Components A + B each 1x | 1 Piece |



Symbol image, color of gloves may differ.

◆ Single-Use Nitrile Gloves

Application

- Examination gloves
- Suitable for working on patients, since latex-free
- Especially suitable for working with prepreg materials and pouring resins

Material

• Nitrile rubber

Properties

- Latex-free
- Non-sterile
- Powder-free
- Skin-friendly

| REF | Size | Color | PU |
|---------------|---------|-------|------------|
| 60.412.060.00 | S=6-7 | Blue | 100 Pieces |
| 60.412.061.00 | M=7-8 | Blue | 100 Pieces |
| 60.412.062.00 | L=8-9 | Blue | 100 Pieces |
| 60.412.063.00 | XL=9-10 | Blue | 100 Pieces |



72.000.830.01

◆ Vacuum Adapter

Application

- Adapter for attaching the suction hose
- The vacuum adapter can thus be placed independently of a suction system

Properties

• For suction hose REF 72.000.821.09

| REF | Outer Diameter/mm | PU |
|---------------|-------------------|---------|
| 72.000.830.01 | 6 | 1 Piece |



72.000.830.0X

◆ T-Piece for Vacuum Technique

Application

• For the universal connection of suction hoses with different diameters

Material

POM

Properties

- Fitting e.g. for suction hose REF 72.000.821.09
- Operating pressure 0 10 bar

| REF | for Inner Diameter/mm | PU |
|---------------|-----------------------|---------|
| 72.000.830.02 | 6 | 1 Piece |
| 72.000.830.03 | 9 | 1 Piece |





Application

• Suction hose for all laminating, silicone and prepreg applications

Material

• Silicone, heat-resistant

Properties

- The fabric reinforcement prevents the hose from collapsing under vacuum
- $\bullet~$ Temperature resistant up to 300 °C max.
- Color: Red
- Wall thickness: 3 mm

Mininum order quantity: 1 m (only sold in whole running meters)

| REF | Inner Diameter/mm | PU |
|---------------|-------------------|----------|
| 72.000.821.09 | 6 | min. 1 m |

Reinforcement Materials





70.640.803.XX

Carbon Fiber Mat

Application

• For partial high-strength laminate reinforcements

Material

- Carbon fiber
- Twill weave 2/2
- Warp = carbon 3K (3000 filaments)
- Weft = carbon 3K (3000 filaments)

Properties

- Good drapability
- Very smooth surface
- Very firm
- Good resin absorption

| REF | Width/mm | Length/m | Weight/g/m² | PU |
|---------------|----------|----------|-------------|---------|
| 70.640.803.02 | 1000 | 2 | 245 | 1 Piece |
| 70.640.803.05 | 1000 | 5 | 245 | 1 Roll |
| 70.640.803.10 | 1000 | 10 | 245 | 1 Roll |
| 70.640.803.50 | 1000 | 50 | 245 | 1 Roll |



70.640.802.02

Carbon Fiber Mat, anti-slide

Application

• For partial high-strength laminate reinforcements

Material

- Carbon fiber
- Twill weave 2/2
- Warp = carbon 3K (3000 filaments)
- Weft = carbon 3K (3000 filaments)

- Good drapability thanks to anti-slide
- The fiber fixation does not affect resin absorption
- Good resin absorption
- Little tendency to fray
- Very smooth surface
- Very firm

| REF | Width/mm | Length/m | Weight/g/m² | PU |
|---------------|----------|----------|-------------|---------|
| 70.640.802.02 | 1200 | 2 | 245 | 1 Piece |





70.638.300.00

Carbon Fiber Tape, Bidirectional

Application

• For partial high-strength reinforcements

Material

- Carbon fiber
- Twill weave 2/2
- Warp = carbon 3K (3000 filaments)
- Weft = carbon 6K (6000 filaments)

Properties

• Good drapability

| REF | Width/mm | Length/m | Weight/g/m² | PU |
|---------------|----------|----------|-------------|--------|
| 70.641.500.10 | 100 | 10 | 245 | 1 Roll |
| 70.641.500.30 | 300 | 10 | 245 | 1 Roll |



70.64X.XXX.00

Carbon Fiber Tape, Unidirectional

Application

• For partial high-strength laminate reinforcements, suitable to be used in axial or circular orientation

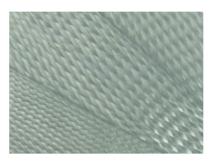
Material

- Carbon fiber
- Warp = carbon 3K (3000 filaments) or carbon 6K (6000 filaments)
- Weft = glass fiber

- Good drapability
- Easy to shape thanks to glass fiber weft

| REF | Width/mm | Length/m | Weight/ g/m² | Warp Thread Filament | PU |
|---------------|----------|----------|-----------------|----------------------------|--------|
| 70.641.025.00 | 25 | 10 | 205 | 3K | 1 Roll |
| 70.641.050.00 | 50 | 10 | 205 | 3K | 1 Roll |
| 70.641.075.00 | 75 | 10 | 205 | 3K | 1 Roll |
| 70.641.100.00 | 100 | 10 | 205 | 3K | 1 Roll |
| 70.641.050.25 | 50 | 25 | 205 | 3K | 1 Roll |

| REF | Width/mm | Length/m | Weight/ g/m² | Warp Thread Filament | PU |
|---------------|----------|----------|-----------------|----------------------------|--------|
| 70.641.125.00 | 25 | 10 | 290 | 6K | 1 Roll |
| 70.641.150.00 | 50 | 10 | 290 | 6K | 1 Roll |
| 70.641.175.00 | 75 | 10 | 290 | 6K | 1 Roll |
| 70.641.200.00 | 100 | 10 | 290 | 6K | 1 Roll |
| 70.641.150.25 | 50 | 25 | 290 | 6K | 1 Roll |



72.000.00X.X0

Braided Glass Fiber Sleeve

Application

• For the manufacture of thin-walled laminates

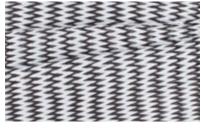
Material

• Glass fiber

Properties

- Braided
- Drapable
- High torsional strength in laminates
- Torsion can be manipulated (ideal angle: 45°)

| REF | Roll Width/mm | Length/m | PU |
|---------------|---------------|----------|------|
| 72.000.000.60 | 60 | 12.5 | 1 kg |
| 72.000.000.80 | 80 | 8 | 1 kg |
| 72.000.001.00 | 100 | 7 | 1 kg |



72.000.10X.X0

Carbon Glass Fiber Sleeve Braided

Application

• For the manufacture of thin-walled laminates

Material

• Glass fiber/carbon fiber

- Braided
- Drapable
- Increased torsional strength in laminates
- Torsion can be manipulated (ideal angle: 45°)
- Combines the material properties of carbon and glass fibers

| REF | Roll Width/mm | Length/m | PU |
|---------------|---------------|----------|------|
| 72.000.100.80 | 80 | 11 | 1 kg |
| 72.000.101.00 | 100 | 10 | 1 kg |



72.000.20X.X0

Carbon Fiber UD-Sleeve

Application

• For the axial reinforcement of thin-walled, high-strength laminates

Material

• Carbon fiber with elastic weft

Properties

- The elastic weft makes it possible for the carbon threads to maintain their 0° orientation, independent of the diameter
- Easy to shape without requiring to be cut

| REF | Roll Width/mm | Length/m | Elasticity/mm | PU |
|---------------|---------------|----------|---------------|--------|
| 72.000.200.20 | 20 | 5 | 20 - 50 | 1 Roll |
| 72.000.200.40 | 40 | 5 | 40 - 90 | 1 Roll |
| 72.000.200.70 | 70 | 5 | 70-150 | 1 Roll |
| 72.000.201.00 | 100 | 5 | 100-250 | 1 Roll |
| 72.000.201.50 | 150 | 5 | 150-325 | 1 Roll |



72.000.3XX.X0

Braided Carbon Fiber Sleeve

Application

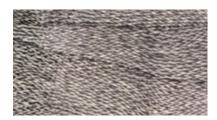
- For the manufacture of thin-walled, high-strength laminates
- For added stiffening when used together with profile bars

Material

· Carbon fiber

- High torsional strength
- Braided
- Torsion can be manipulated (ideal angle: 45°)

| REF | Roll Width/mm | Length/m | PU |
|---------------|---------------|----------|--------|
| 72.000.300.20 | 20 | 10 | 1 Roll |
| 72.000.300.80 | 80 | 10 | 1 Roll |
| 72.000.301.00 | 100 | 10 | 1 Roll |
| 72.000.301.50 | 150 | 10 | 1 Roll |
| 72.000.302.00 | 200 | 10 | 1 Roll |
| 72.000.310.20 | 20 | 25 | 1 Roll |
| 72.000.310.80 | 80 | 25 | 1 Roll |
| 72.000.311.00 | 100 | 25 | 1 Roll |
| 72.000.311.50 | 150 | 25 | 1 Roll |
| 72.000.312.00 | 200 | 25 | 1 Roll |



70.542.000.00

Braided Carbon Aramid Sleeve

Application

• For the manufacture of thin-walled and high-strength laminates

Material

· Carbon fiber aramid fiber

Properties

- Very high torsional strength
- Braided
- Torsion can be manipulated (ideal angle: 45°)
- Very high break resistance inside the laminate

Mininum order quantity: 1 m (only sold in whole running meters)

| REF | Roll Width/mm | PU |
|---------------|---------------|----------|
| 70.542.000.00 | 80 | min. 1 m |





Application

- For sewing profiles on carbon fiber orthoses
- For tieing-off laminates

Material

• Carbon roving fibers

Properties

- 12k = 12000 filaments per thread
- Very strong carbon thread

| REF | Length/m | PU |
|---------------|----------|--------|
| 72.000.000.00 | 100 | 1 Roll |



74.004.003.00

Dacron Felt

Application

• Felt for padding reinforcements, e.g.on an ischial tuberosity support

Material

Polyester

- Sewable
- Good resin absorption
- Creates a smooth surface after laminating

| REF | Length/ mm | Width/ mm | Thick- ness/mm | Weight/ g/m² | Color | PU |
|---------------|---------------|--------------|-------------------|-----------------|-------|---------|
| 74.004.003.00 | 1000 | 930 | 3 | 190 | White | 1 Piece |



70.225.0XX.50

◆ PVC Adhesive Tape, Double-Sided

Application

• For glueing PVC films and fastening reinforcement materials like carbon

Material

• PVC film with acrylic adhesive

Properties

- Extremely thin PVC adhesive film
- No backing material
- Dissolves into the laminate during processing procedure

| REF | Length/m | Width/mm | PU |
|---------------|----------|----------|--------|
| 70.225.006.50 | 50 | 6 | 1 Roll |
| 70.225.019.50 | 50 | 19 | 1 Roll |





Application

- Suitable as a profile material for orthotic and prosthetic laminates
- Ready for use, ground to trapezoidal shape

Material

Polyvinyl chloride (PVC)

- Easy to grind
- Easy to thermoform at 80 °C
- Lightweight

| REF | Length/mm | Width/mm | Thickness/mm | PU |
|---------------|-----------|----------|--------------|----------|
| 74.004.001.01 | 1200 | 16 | 3 | 3 Pieces |



PA.0013X00

Feather Stretch Stockinette

Application

- Suited as lining material/an isloation layer during vacuum forming and laminating
- For better suction results on back tapered sections
- Suitable for reinforcing Modelsil Silicone Modelling Putty REF 72.000.821.03

Material

• Polyamide/nylon (PA)

Properties

- · Extremely elastic
- Elasticity: up to 475 % of original width when laid out flat
- For BK, AK, KAFO and AFOs
- Not pre-impregnated

| REF | Roll Width/ mm | Length Roll/m | For Circumfe- rences/mm | Color | PU |
|------------|-------------------|------------------|----------------------------|-------|--------|
| PA.0013400 | 60 | 23 | 120-650 | Black | 1 Roll |
| PA.0013600 | 60 | 23 | 120-650 | White | 1 Roll |



PA.0013X00

Feather Stretch Extra Stockinette

Application

- Suited as liner material/an isloation layer during vacuum forming and laminating
- For better suction results on back tapered sections
- Suitable for reinforcing Modelsil Silicone Modelling Putty REF 72.000.821.03

Material

• Polyamid/Nylon (PA)

- Very elastic
- Elasticity: up to 750 % of original width when laid out flat
- For AK, HKAFO and torsos
- Not pre-impregnated

| REF | Roll Width/ mm | Length Roll/m | For Circumfe- rences/mm | Color | PU |
|------------|-------------------|------------------|----------------------------|-------|--------|
| PA.0013500 | 80 | 23 | 200–1400 | Black | 1 Roll |
| PA.0013700 | 80 | 23 | 200–1400 | White | 1 Roll |



80.755.0XX.00

Fiberglass Stockinette

Fine texture.

Application

• For the manufacture of laminates

Material

• 65 % fiberglass and 35 % polyamide

Properties

- Fine-meshed stockinette
- Extremely elastic to fit differences in cirumference
- Creates a smooth surface

| REF | Roll Width/mm | Length Roll/m | Color | PU |
|---------------|---------------|---------------|-------|------|
| 80.755.006.00 | 70 | 41.6 | White | 1 kg |
| 80.755.008.00 | 90 | 35.7 | White | 1 kg |
| 80.755.012.00 | 130 | 27 | White | 1 kg |
| 80.755.015.00 | 150 | 21.3 | White | 1 kg |
| 80.755.020.00 | 200 | 14.3 | White | 1 kg |



80.145.0XX.00

Polyglass Stockinette

Application

• For the manufacture of laminates

Material

• 65 % fiberglass and 35 % polyester

- Fine-meshed stockinette
- Creates a smooth surface
- Little resin absorption, yet high stability

| REF | Roll Width/mm | Length Roll/m | Color | PU |
|---------------|---------------|---------------|-------|------|
| 80.145.004.00 | 40 | 69.8 | White | 1 kg |
| 80.145.006.00 | 60 | 60 | White | 1 kg |
| 80.145.008.00 | 80 | 34 | White | 1 kg |
| 80.145.010.00 | 100 | 30.9 | White | 1 kg |
| 80.145.012.00 | 120 | 25.1 | White | 1 kg |
| 80.145.015.00 | 150 | 22.6 | White | 1 kg |
| 80.145.020.00 | 200 | 17.3 | White | 1 kg |
| 80.145.025.00 | 250 | 14.5 | White | 1 kg |
| 80.145.030.00 | 300 | 11.0 | White | 1 kg |



80.139.0XX.00

◆ Fiberglass Stockinette (Model BUFA)

Application

• For the manufacture of thin-walled laminates

Material

• 100 % fiberglass (glass fiber thread)

- Wide-meshed stockinette
- Extremely elastic

| REF | Roll Width/mm | Length Roll/m | Color | PU |
|---------------|---------------|---------------|-------|------|
| 80.139.008.00 | 80 | 17.2 | White | 1 kg |
| 80.139.010.00 | 100 | 15.6 | White | 1 kg |
| 80.139.012.00 | 120 | 12.5 | White | 1 kg |
| 80.139.015.00 | 150 | 9.3 | White | 1 kg |
| 80.139.020.00 | 200 | 7.2 | White | 1 kg |
| 80.139.025.00 | 250 | 5.2 | White | 1 kg |
| 80.139.030.00 | 300 | 4.8 | White | 1 kg |



81.005.10X.00

Polyester Stockinette

Fine texture.

Application

• For the manufacture of laminates

Material

• Polyester (PES)

Properties

- Fine-meshed stockinette
- Creates a smooth surface
- Laminates produced with polyester stockinette can be thermoformed
- Very elastic

| REF | Roll Width/mm | Length Roll/m | Color | PU |
|---------------|---------------|---------------|-------|------|
| 81.005.101.00 | 60 | 78 | White | 1 kg |
| 81.005.102.00 | 80-90 | 60 | White | 1 kg |
| 81.005.103.00 | 110-120 | 46 | White | 1 kg |
| 81.005.104.00 | 130 | 45 | White | 1 kg |
| 81.005.105.00 | 140-150 | 41 | White | 1 kg |



81.005.15X.00

Polyester Stockinette

Dense texture.

Application

For the manufacture of laminates

Material

• Polyester (PES)

- Fine-meshed stockinette
- Especially dense texture
- Creates a smooth surface
- Laminates produced with polyester stockinette can be thermoformed
- Very elastic

| REF | Roll Width/mm | Length Roll/m | Color | PU |
|---------------|---------------|---------------|-------|------|
| 81.005.151.00 | 70 | 59 | White | 1 kg |
| 81.005.152.00 | 100 | 32 | White | 1 kg |
| 81.005.153.00 | 140 | 24 | White | 1 kg |
| 81.005.154.00 | 170 | 22 | White | 1 kg |



80.141.0XX.00

Polyester Stockinette

Especially fine texture.

Application

• For the manufacture of laminates

Material

• Polyester (PES)

- Fine-meshed stockinette
- Dense texture
- Creates a smooth surface
- Laminates produced with polyester stockinette can be thermoformed
- Very elastic

| REF | Roll Width/mm | Length Roll/m | Color | PU |
|---------------|---------------|---------------|-------|------|
| 80.141.006.00 | 60 | 49.0 | White | 1 kg |
| 80.141.008.00 | 80 | 36.0 | White | 1 kg |
| 80.141.010.00 | 100 | 31.5 | White | 1 kg |
| 80.141.012.00 | 120 | 27.5 | White | 1 kg |
| 80.141.015.00 | 150 | 23.3 | White | 1 kg |
| 80.141.020.00 | 200 | 17.5 | White | 1 kg |
| 80.141.025.00 | 250 | 12.8 | White | 1 kg |



80.138.0XX.00

Perlon Stockinette

Application

• For the manufacture of laminates

Material

• Polyamide (PA)

- Fine-meshed stockinette
- Dense texture
- Creates a smooth surface
- Laminates produced with perlon stockinette can be thermoformed
- Very elastic

| REF | Roll Width/mm | Length Roll/m | Color | PU |
|---------------|---------------|---------------|-------|------|
| 80.138.004.00 | 40 | 90.8 | White | 1 kg |
| 80.138.006.00 | 60 | 55.4 | White | 1 kg |
| 80.138.008.00 | 80 | 41.6 | White | 1 kg |
| 80.138.010.00 | 100 | 37.0 | White | 1 kg |
| 80.138.012.00 | 120 | 33.3 | White | 1 kg |
| 80.138.015.00 | 150 | 27.0 | White | 1 kg |
| 80.138.020.00 | 200 | 20.0 | White | 1 kg |
| 80.138.025.00 | 250 | 13.5 | White | 1 kg |
| 80.138.030.00 | 300 | 11.1 | White | 1 kg |
| 80.138.035.00 | 350 | 9.5 | White | 1 kg |
| 80.138.040.00 | 400 | 8.8 | White | 1 kg |



80.136.0XX.00

Elastic Perlon Stockinette

Application

• For the manufacture of laminates

Material

• Polyamide (PA)

- Fine-meshed stockinette
- Dense texture
- Creates a smooth surface
- Extremely elastic to fit different in cirumferences
- Easy to shape

| REF | Roll Width/mm | Length Roll/m | Color | PU |
|---------------|---------------|---------------|-------|------|
| 80.136.006.00 | 60 | 66.6 | White | 1 kg |
| 80.136.008.00 | 80 | 52.6 | White | 1 kg |
| 80.136.010.00 | 100 | 43.7 | White | 1 kg |
| 80.136.012.00 | 120 | 37.0 | White | 1 kg |
| 80.136.015.00 | 150 | 27.0 | White | 1 kg |
| 80.136.020.00 | 200 | 20.0 | White | 1 kg |
| 80.136.025.00 | 250 | 16.4 | White | 1 kg |

80.137.0XX.00

Ruffled Nylon Stockinette

• Ruffled Nylon Stockinette, White

Application

- For the manufacture of laminates
- For the manufacture of soft sockets

Material

• Polyamide (PA) Helanca

Properties

- Fine-meshed stockinette
- Dense texture
- Creates a smooth surface
- Very elastic
- · Voluminous thread

| REF | Roll Width/mm | Length Roll/m | Color | PU |
|---------------|---------------|---------------|-------|------|
| 80.137.008.00 | 80 | 77.0 | White | 1 kg |
| 80.137.010.00 | 100 | 41.6 | White | 1 kg |
| 80.137.012.00 | 120 | 32.2 | White | 1 kg |
| 80.137.015.00 | 150 | 23.8 | White | 1 kg |



80.140.0XX.00

• Ruffled Nylon Stockinette, Beige

Application

- For the manufacture of laminates
- For a natural look, e.g. as the outer layer of a laminate
- For reinforcing soft sockets

Material

• Polyamide (PA) Helanca

- Fine-meshed stockinette
- Dense texture
- Creates a soft surface
- Very elastic
- Voluminous thread

| REF | Roll Width/mm | Length Roll/m | Color | PU |
|---------------|---------------|------------------|-------|------|
| 80.140.008.00 | 80 | 77.0 | Beige | 1 kg |
| 80.140.010.00 | 100 | 41.6 | Beige | 1 kg |
| 80.140.012.00 | 120 | 32.2 | Beige | 1 kg |
| 80.140.015.00 | 150 | 23.8 | Beige | 1 kg |





74.001.02X.X0

Cellona® Plaster Bandage

Application

• For the manufacture of plaster casts

Material

• Cotton base with natural gypsum coating

- Saturated after short period of immersion
- Rolled up
- Easy to mold
- The plaster cast can quickly bear loads, and can be transported safely after 30 min
- Completely cured after 24 h

| REF | Width/cm | Length/m | PU |
|---------------|----------|----------|-----------|
| 74.001.020.80 | 8 | 3 | 10 Pieces |
| 74.001.021.00 | 10 | 3 | 10 Pieces |
| 74.001.021.20 | 12 | 3 | 10 Pieces |
| 74.001.021.50 | 15 | 3 | 10 Pieces |
| 74.001.022.00 | 20 | 3 | 10 Pieces |



Biplatrix® Plaster Bandage

Application

• For the manufacture of plaster casts

Material

• Cotton base coated with a special natural gypsum mixture

Properties

- Saturated after short period of immersion
- Rolled up
- Several layers of wrapping
- Simple processing method
- Easy to mold
- Temperature of water for immersion: 20 25 °C
- Wet life: approx. 2 min
- Partially loadable after 30 min, fully loadable after 48 h
- Latex-free
- Creates high stability even with only few layers

| REF | Width/cm | Length/m | PU |
|---------------|----------|----------|-----------|
| 74.001.020.06 | 6 | 2 | 20 Pieces |
| 74.001.020.08 | 8 | 2 | 20 Pieces |
| 74.001.020.10 | 10 | 2 | 20 Pieces |
| 74.001.020.12 | 12 | 2 | 20 Pieces |
| 74.001.020.15 | 15 | 2 | 20 Pieces |

| REF | Width/cm | Length/m | PU |
|---------------|----------|----------|------------|
| 74.001.030.08 | 8 | 3 | 20 Pieces |
| 74.001.030.10 | 10 | 3 | 20 Pieces |
| 74.001.030.12 | 12 | 3 | 20 Pieces |
| 74.001.030.15 | 15 | 3 | 20 Pieces |
| 74.001.030.20 | 20 | 3 | 10 Pieces* |

There are always two plaster bandages packaged together. You will receive 10 packages per packing unit, this equals 20 plaster bandages.

*Deviating from this, you will receive a packing unit of 5 shrink-wrapped packs with REF 74.001.030.20, this corresponds to a total of 10 plaster bandages per PU.



74.001.025.XX

Biplatrix® Longuette

Application

• For the manufacture of plaster casts and for partially reinforcing plaster casts

Materia

• Cotton base coated with a special natural gypsum mixture

Properties

- Can be cut individually
- Saturated after short period of immersion
- Simple processing method
- Easy to mold
- Water temperature for immersion: 20 25 °C
- Wet life approx. 2 min
- Partially loadable after 30 min, fully loadable after 48 h
- Latex-free
- High stability even with only few layers
- Folded four times inside the box

| REF | Width/cm | Length/m | PU |
|---------------|----------|----------|---------|
| 74.001.025.10 | 10 | 25 | 1 Piece |
| 74.001.025.12 | 12 | 25 | 1 Piece |
| 74.001.025.15 | 15 | 25 | 1 Piece |
| 74.001.025.20 | 20 | 25 | 1 Piece |



74.001.04X.XX

eCast Bandage

Application

- For temporarily securing test sockets
- Suitable for a multitude of stabilizing purposes
- For the manufacture of negative casts for orthotics

Material

• Polyester fiber impregnated with resin

- Radiotransparent
- Waterproof
- Very strong once cured
- Good adhesion e.g. on rigid foams, wood and thermoplastic materials

| REF | Width/cm | Length/m | Color | PU |
|---------------|----------|----------|-------|-----------|
| 74.001.040.50 | 5 | 3.6 | White | 10 Pieces |
| 74.001.040.75 | 7.5 | 3.6 | White | 10 Pieces |
| 74.001.041.00 | 10 | 3.6 | White | 10 Pieces |



Sample image, color of gloves may differ.

◆ Single-Use Gloves Nitril

Application

- Examination gloves
- Suitable for working on patients, since latex-free
- Especially suitable for working with prepreg materials and pouring resins during lamination

Material

Nitrile rubber

- Latex-free
- Non-sterile
- Powder-free
- Skin-friendly

| REF | Size | Color | PU |
|---------------|---------|-------|------------|
| 60.412.060.00 | S=6-7 | Blue | 100 Pieces |
| 60.412.061.00 | M=7-8 | Blue | 100 Pieces |
| 60.412.062.00 | L=8-9 | Blue | 100 Pieces |
| 60.412.063.00 | XL=9-10 | Blue | 100 Pieces |



74.003.001.00

MultiGips Alabaster 30 kg

74.008.002.00

Plaster Isolation Fluid

Application

• As a separating layer and for isolating body areas from the plaster cast

Material

- Vaseline-based
- Color: Yellowish

Properties

- Does not drip
- Does not stick
- Markings made with indelible pencil or grease pen are clearly visible on the material and are easy to transfer
- Skin-friendly

| REF | Content/kg | PU |
|---------------|------------|-------|
| 74.003.001.00 | 1 | 1 Can |

Plaster

Alabaster Plaster

Application

• For the manufacture of positive models for orthopedic purposes

Material

• Gypsum calcium sulfate

- High degree of purity
- Very stable
- Creates a very smooth surface once cured
- Very fine with high index of whiteness

| REF | Content/kg | PU |
|---------------|------------|----------|
| 74.008.002.00 | 30 | 1 Pieces |



74.008.001.00

Molding Plaster

Application

• For the manufacture of positive models for orthopedic purposes

Material

• Gypsum calcium sulfate

Properties

- Cures quickly
- High stability
- More coarse than the alabaster plaster

| REF | Content/kg | PU |
|---------------|------------|---------|
| 74.008.001.00 | 30 | 1 Piece |



74.008.003.00

Vermiculite

Application

- Filling material for mixing with plaster
- Absorbs moisture

Material

Clay-based phyllosilicates (iron-magnesium-aluminum)

Properties

- Very lightweight
- Significantly reduces the total weight of the positive plaster model (e.g. for torso casts)

| REF | Grain Size/mm | Content/Liter | PU |
|---------------|---------------|---------------|---------|
| 74.008.003.00 | 0-4 | 50 | 1 Piece |





Application

• For the surface treatment of plaster models

Material

• Silicium-based sanding medium

- Even material abrasion
- Adapts well to curved surfaces
- Creates an extremely smooth surface

| REF | Length x Width/mm | Grit | PU |
|---------------|-------------------|------|-----------|
| 75.001.001.06 | 125 x 115 | 60 | 10 Pieces |
| 75.001.001.10 | 125 x 115 | 100 | 10 Pieces |



58.500.0XX.00

URBA-FAST Stockinette

• URBA-FAST Single Stretch Stockinette

Application

- Stockinette suitable for isolating materials before manufacturing a plaster cast
- Suitable as a brace sock and as a hygienic stocking under night splints

Material

• 92 % viscose, 3 % polyamide, 5 % spandex

Properties

- Latex-free
- Knit-in-the-round stockinette
- High level of lateral elasticity
- No longitudinal elasticity
- Adapts well to anatomical shapes

| REF | Length/m | Width/cm | Color Code | Application | PU |
|---------------|----------|----------|------------|------------------------------------|--------|
| 58.500.010.00 | 10 | 3.5 | Red | Small Extremities | 1 Roll |
| 58.500.020.00 | 10 | 6.0 | Green | Medium Extremities | 1 Roll |
| 58.500.030.00 | 10 | 9.0 | Blue | Large Extremities | 1 Roll |
| 58.500.040.00 | 10 | 13.0 | Yellow | Large Extremities and Small Torsos | 1 Roll |
| 58.500.050.00 | 10 | 18.0 | Beige | Torsos | 1 Roll |



58.501.0X0.00

• URBA-FAST Double Stretch Stockinette

Application

- Stockinette suitable for isolating materials before manufacturing a plaster cast
- Suitable as a brace sock and as a hygienic stocking under night splints

Material

• 52 % viscose and 48 % dorlastan

- Latex-free
- Knit-in-the-round stockinette
- High level of lateral and longitudinal elasticity
- Perfectly adapts to anatomical shapes

| REF | Length/m | Width/cm | Color Code | Application | PU |
|---------------|----------|----------|------------|------------------------------------|--------|
| 58.501.010.00 | 10 | 3.5 | Red | Small Extremities | 1 Roll |
| 58.501.020.00 | 10 | 6.0 | Green | Medium Extremities | 1 Roll |
| 58.501.030.00 | 10 | 9.0 | Blue | Large Extremities | 1 Roll |
| 58.501.040.00 | 10 | 13.0 | Yellow | Large Extremities and Small Torsos | 1 Roll |



PA.0013X00

◆ Feather Stretch Stockinette

Application

- Suited as lining material/an isloation layer during vacuum forming and laminating
- For better suction results on back tapered sections
- Suitable for reinforcing Modelsil Silicone Modelling Putty REF 72.000.821.03

Material

• Polyamide/nylon (PA)

Properties

- Extremely elastic
- Elasticity: up to 475 % of original width when laid out flat
- For BK, AK, KAFO and AFOs
- Not pre-impregnated

| REF | Roll Width/ mm | Length/m | For Circumfe- rences/mm | Color | PU |
|------------|-------------------|----------|----------------------------|-------|--------|
| PA.0013400 | 60 | 23 | 120-650 | Black | 1 Roll |
| PA.0013600 | 60 | 23 | 120-650 | White | 1 Roll |



PA.0013X00

◆ Feather Stretch Extra Stockinette

Application

- Suited as liner material/an isloation layer during vacuum forming and laminating
- For better suction results on back tapered sections
- Suitable for reinforcing Modelsil Silicone Modelling Putty REF 72.000.821.03

Material

Polyamid/nylon (PA)

- Very elastic
- Elasticity: up to 750 % of original width when laid out flat
- For AK, HKAFO and torsos
- · Not pre-impregnated

| REF | Roll Width/ mm | Length/m | For Circumfe- rences/mm | Color | PU |
|------------|-------------------|----------|----------------------------|-------|--------|
| PA.0013500 | 80 | 23 | 200-1400 | Black | 1 Roll |
| PA.0013700 | 80 | 23 | 200-1400 | White | 1 Roll |



Nylon Stockinette for Thermoforming

Application

- Suitable for producing plaster models e.g. for AFOs or KAFOs
- For optimum suction between the model and the thermoforming material

Material

• 100 % nylon

Properties

- Very thin
- · Extremely elastic
- Closed on one end

| REF | Length/cm | Width/cm | PU |
|---------------|-----------|----------|-----------|
| 80.137.110.00 | 50 | 8 | 10 Pieces |



80.144.0XX.00

Cotton Stockinette

Application

- For isolating before the plaster cast is manufactured
- For isolating the plaster model
- Suitable as a brace sock and as a hygienic stocking under night splints
- Suitable as a dummy layer and absorption material when working with prepreg materials

Material

• 100 % cotton

- Elastic
- Knit in the round
- High level of longitudinal and lateral elasticity
- Adapts well to the patient's body contours
- Wide selection of widths

| REF | Roll Width/mm | Length/m | Color | PU |
|---------------|---------------|----------|-----------|------|
| 80.144.004.00 | 40 | 64.0 | Off-White | 1 kg |
| 80.144.006.00 | 60 | 47.6 | Off-White | 1 kg |
| 80.144.008.00 | 80 | 34.4 | Off-White | 1 kg |
| 80.144.010.00 | 100 | 27.7 | Off-White | 1 kg |
| 80.144.012.00 | 120 | 25.5 | Off-White | 1 kg |
| 80.144.015.00 | 150 | 19.2 | Off-White | 1 kg |
| 80.144.018.00 | 180 | 17.2 | Off-White | 1 kg |
| 80.144.020.00 | 200 | 14.9 | Off-White | 1 kg |
| 80.144.025.00 | 250 | 12.5 | Off-White | 1 kg |
| 80.144.030.00 | 300 | 10.0 | Off-White | 1 kg |
| 80.144.040.00 | 400 | 7.7 | Off-White | 1 kg |



80.556.0XX.00



Application

- Stockinette suitable for isolating materials before manufacturing a plaster cast
- For isolating the plaster model
- Suitable as a brace sock and as a hygienic stocking under night splints
- Suited as cosmetic cover e.g. on unfinished foam parts

Material

• 100 % cotton

Properties

- Elastic
- Knit in the round
- High level of lateral and longitudinal elasticity
- Adapts well to anatomical shapes

| REF | Roll Width/mm | Length/m | Color | PU |
|---------------|---------------|----------|-------|------|
| 80.556.006.00 | 60 | 47.6 | Beige | 1 kg |
| 80.556.008.00 | 80 | 34.4 | Beige | 1 kg |
| 80.556.010.00 | 100 | 27.7 | Beige | 1 kg |
| 80.556.012.00 | 120 | 25.5 | Beige | 1 kg |
| 80.556.015.00 | 150 | 19.2 | Beige | 1 kg |



80.605.0XX.00

Cotton Stockinette, Very Elastic

Application

- Stockinette suitable for isolating before the manufacture of a plaster cast
- For isolating the plaster model
- Suitable as a brace sock and as a hygienic stocking under night splints

Material

• 100 % cotton

- Very elastic
- Knit in the round
- High level of lateral and longitudinal elasticity
- Perfectly adapts to anatomical shapes

| REF | Roll Width/mm | Length/m | Color | PU |
|---------------|---------------|----------|-----------|------|
| 80.605.006.00 | 60 | 47.6 | Off-White | 1 kg |
| 80.605.008.00 | 80 | 34.4 | Off-White | 1 kg |
| 80.605.010.00 | 100 | 27.7 | Off-White | 1 kg |
| 80.605.012.00 | 120 | 25.5 | Off-White | 1 kg |
| 80.605.015.00 | 150 | 19.2 | Off-White | 1 kg |
| 80.605.018.00 | 180 | 17.2 | Off-White | 1 kg |



60.414.00x.00/60.417.00x.00

Plaster Shirts

• Plaster Shirts, for Adults, Short Version

With ¼-sleeve and collar.

Application

- Suitable as an undershirt when taking plaster casts
- Suitable as an undershirt during corset construction

Material

• 100 % combed cotton

Properties

- Very elastic
- Adapts well to anatomical shapes

| REF | Size | Back Length/cm | PU |
|---------------|------|----------------|---------|
| 60.414.002.00 | S | 86 | 1 Piece |
| 60.414.003.00 | Μ | 93 | 1 Piece |
| 60.414.004.00 | L | 100 | 1 Piece |

• Plaster Shirts, for Adults, Long Version

With ¼-sleeve and collar.

Application

- Suitable as an undershirt when taking plaster casts
- Suitable as an undershirt under a corset during corset construction

Material

• 100 % combed cotton

- Very elastic
- Adapts very well to anatomical shapes
- Long version

| REF | Size | Back Length/cm | PU |
|---------------|------|----------------|---------|
| 60.417.002.00 | S | 106 | 1 Piece |
| 60.417.003.00 | М | 113 | 1 Piece |
| 60.417.004.00 | L | 120 | 1 Piece |



60.415.1xx.00

• Plaster Shirts for Children

With ¼-sleeve and collar.

Application

- Suitable as an undershirt when taking plaster casts
- Suitable as an undershirt during corset construction

Material

• 100 % combed cotton

- Very elastic
- Adapts very well to anatomical shapes

| REF | Size | Back Length/cm | PU |
|---------------|------|----------------|---------|
| 60.415.104.00 | 104 | 60 | 1 Piece |
| 60.415.128.00 | 128 | 70 | 1 Piece |
| 60.415.152.00 | 152 | 78 | 1 Piece |





80.495.XXX.XX



◆ Loop Tape

Application

- For fast, non-permanent bonds
- For combination with hook tape

Material

- 100 % polyamide (PA)
- Looped fleece thread

- Can be opened and closed many times
- Individually adjustable
- Flexible
- Dimensionally stable
- Washable at up to 60 °C
- Available in packing units of 10 m and 25 m

| 80.495.202.10 20 10 White 1 Roll 80.495.202.25 20 25 White 1 Roll 80.495.201.10 20 10 Beige 1 Roll 80.495.201.25 20 25 Beige 1 Roll 80.495.203.10 20 10 Yellow 1 Roll 80.495.203.25 20 25 Yellow 1 Roll 80.495.204.10 20 10 Red 1 Roll 80.495.204.25 20 25 Red 1 Roll 80.495.205.10 20 10 Blue 1 Roll 80.495.205.25 20 25 Black 1 Roll 80.495.207.10 20 10 Black 1 Roll 80.495.252.10 25 10 White 1 Roll 80.495.252.10 25 25 White 1 Roll 80.495.253.10 25 10 Beige 1 Roll 80.495.253.10 25 10 Yellow 1 Roll | REF | Width/mm | Length/m | Color | PU |
|--|---------------|----------|----------|--------|--------|
| 80.495.201.10 20 10 Beige 1 Roll 80.495.201.25 20 25 Beige 1 Roll 80.495.203.10 20 10 Yellow 1 Roll 80.495.203.25 20 25 Yellow 1 Roll 80.495.204.10 20 10 Red 1 Roll 80.495.204.25 20 25 Red 1 Roll 80.495.205.10 20 10 Blue 1 Roll 80.495.205.25 20 25 Blue 1 Roll 80.495.207.10 20 10 Black 1 Roll 80.495.207.25 20 25 Black 1 Roll 80.495.252.10 25 10 White 1 Roll 80.495.252.25 25 25 White 1 Roll 80.495.251.10 25 10 Beige 1 Roll 80.495.253.25 25 25 Yellow 1 Roll 80.495.253.25 25 25 Red 1 Roll | 80.495.202.10 | 20 | 10 | White | 1 Roll |
| 80.495.201.25 20 25 Beige 1 Roll 80.495.203.10 20 10 Yellow 1 Roll 80.495.203.25 20 25 Yellow 1 Roll 80.495.204.10 20 10 Red 1 Roll 80.495.204.25 20 25 Red 1 Roll 80.495.205.10 20 10 Blue 1 Roll 80.495.207.10 20 10 Black 1 Roll 80.495.207.25 20 25 Black 1 Roll 80.495.207.25 20 25 Black 1 Roll 80.495.252.10 25 10 White 1 Roll 80.495.252.10 25 25 White 1 Roll 80.495.251.10 25 10 Beige 1 Roll 80.495.253.10 25 25 Beige 1 Roll 80.495.253.25 25 25 Yellow 1 Roll 80.495.253.10 25 10 Red 1 Roll 80.495.255.10 25 25 Red 1 Roll | 80.495.202.25 | 20 | 25 | White | 1 Roll |
| 80.495.203.10 20 10 Yellow 1 Roll 80.495.203.25 20 25 Yellow 1 Roll 80.495.204.10 20 10 Red 1 Roll 80.495.204.25 20 25 Red 1 Roll 80.495.205.10 20 10 Blue 1 Roll 80.495.207.10 20 10 Black 1 Roll 80.495.207.25 20 25 Black 1 Roll 80.495.207.25 20 25 Black 1 Roll 80.495.252.10 25 10 White 1 Roll 80.495.252.25 25 25 White 1 Roll 80.495.251.10 25 10 Beige 1 Roll 80.495.251.25 25 25 Beige 1 Roll 80.495.253.10 25 10 Yellow 1 Roll 80.495.253.25 25 25 Red 1 Roll 80.495.254.10 25 10 Red 1 Roll 80.495.255.10 25 25 Blue 1 Roll | 80.495.201.10 | 20 | 10 | Beige | 1 Roll |
| 80.495.203.25 20 25 Yellow 1 Roll 80.495.204.10 20 10 Red 1 Roll 80.495.204.25 20 25 Red 1 Roll 80.495.205.10 20 10 Blue 1 Roll 80.495.207.25 20 25 Blue 1 Roll 80.495.207.25 20 25 Black 1 Roll 80.495.207.25 20 25 Black 1 Roll 80.495.252.10 25 10 White 1 Roll 80.495.252.10 25 25 White 1 Roll 80.495.251.10 25 10 Beige 1 Roll 80.495.251.25 25 25 Beige 1 Roll 80.495.253.10 25 10 Yellow 1 Roll 80.495.253.25 25 25 Yellow 1 Roll 80.495.254.10 25 10 Red 1 Roll 80.495.255.10 25 25 Red 1 Roll 80.495.257.10 25 10 Blue 1 Roll | 80.495.201.25 | 20 | 25 | Beige | 1 Roll |
| 80.495.204.10 20 10 Red 1 Roll 80.495.204.25 20 25 Red 1 Roll 80.495.205.10 20 10 Blue 1 Roll 80.495.205.25 20 25 Blue 1 Roll 80.495.207.25 20 25 Black 1 Roll 80.495.207.25 20 25 Black 1 Roll 80.495.252.10 25 10 White 1 Roll 80.495.252.25 25 25 White 1 Roll 80.495.251.10 25 10 Beige 1 Roll 80.495.253.25 25 25 Beige 1 Roll 80.495.253.25 25 25 Yellow 1 Roll 80.495.254.10 25 10 Red 1 Roll 80.495.254.25 25 25 Red 1 Roll 80.495.255.10 25 10 Blue 1 Roll 80.495.257.25 25 25 Blue 1 Roll 80.495.257.25 25 25 Black 1 Roll | 80.495.203.10 | 20 | 10 | Yellow | 1 Roll |
| 80.495.204.25 20 25 Red 1 Roll 80.495.205.10 20 10 Blue 1 Roll 80.495.205.25 20 25 Blue 1 Roll 80.495.207.10 20 10 Black 1 Roll 80.495.207.25 20 25 Black 1 Roll 80.495.252.10 25 10 White 1 Roll 80.495.252.25 25 25 White 1 Roll 80.495.251.10 25 10 Beige 1 Roll 80.495.251.25 25 25 Beige 1 Roll 80.495.253.10 25 10 Yellow 1 Roll 80.495.253.25 25 25 Yellow 1 Roll 80.495.254.10 25 10 Red 1 Roll 80.495.255.10 25 10 Blue 1 Roll 80.495.255.25 25 25 Blue 1 Roll 80.495.257.25 25 25 Black 1 Roll 80.495.257.25 25 25 Black 1 Roll | 80.495.203.25 | 20 | 25 | Yellow | 1 Roll |
| 80.495.205.10 20 10 Blue 1 Roll 80.495.205.25 20 25 Blue 1 Roll 80.495.207.10 20 10 Black 1 Roll 80.495.207.25 20 25 Black 1 Roll 80.495.252.10 25 10 White 1 Roll 80.495.252.25 25 25 White 1 Roll 80.495.251.10 25 10 Beige 1 Roll 80.495.253.10 25 25 Beige 1 Roll 80.495.253.10 25 10 Yellow 1 Roll 80.495.253.25 25 25 Yellow 1 Roll 80.495.254.10 25 10 Red 1 Roll 80.495.255.10 25 10 Blue 1 Roll 80.495.255.25 25 25 Blue 1 Roll 80.495.257.10 25 10 Black 1 Roll 80.495.257.25 25 25 Black 1 Roll 80.495.257.25 25 25 Black 1 Roll <t< th=""><th>80.495.204.10</th><th>20</th><th>10</th><th>Red</th><th>1 Roll</th></t<> | 80.495.204.10 | 20 | 10 | Red | 1 Roll |
| 80.495.205.25 20 25 Blue 1 Roll 80.495.207.10 20 10 Black 1 Roll 80.495.207.25 20 25 Black 1 Roll 80.495.252.10 25 10 White 1 Roll 80.495.252.25 25 25 White 1 Roll 80.495.251.10 25 10 Beige 1 Roll 80.495.251.25 25 25 Beige 1 Roll 80.495.253.10 25 10 Yellow 1 Roll 80.495.253.25 25 25 Yellow 1 Roll 80.495.254.10 25 10 Red 1 Roll 80.495.254.25 25 25 Red 1 Roll 80.495.255.10 25 10 Blue 1 Roll 80.495.255.25 25 25 Blue 1 Roll 80.495.257.10 25 10 Black 1 Roll 80.495.302.10 30 10 White 1 Roll | 80.495.204.25 | 20 | 25 | Red | 1 Roll |
| 80.495.207.10 20 10 Black 1 Roll 80.495.207.25 20 25 Black 1 Roll 80.495.252.10 25 10 White 1 Roll 80.495.252.25 25 25 White 1 Roll 80.495.251.10 25 10 Beige 1 Roll 80.495.253.10 25 25 Beige 1 Roll 80.495.253.25 25 25 Yellow 1 Roll 80.495.253.25 25 25 Yellow 1 Roll 80.495.254.10 25 10 Red 1 Roll 80.495.254.25 25 25 Red 1 Roll 80.495.255.10 25 10 Blue 1 Roll 80.495.255.25 25 25 Blue 1 Roll 80.495.257.10 25 10 Black 1 Roll 80.495.302.10 30 10 White 1 Roll | 80.495.205.10 | 20 | 10 | Blue | 1 Roll |
| 80.495.207.25 20 25 Black 1 Roll 80.495.252.10 25 10 White 1 Roll 80.495.252.25 25 25 White 1 Roll 80.495.251.10 25 10 Beige 1 Roll 80.495.253.25 25 25 Beige 1 Roll 80.495.253.10 25 10 Yellow 1 Roll 80.495.253.25 25 25 Yellow 1 Roll 80.495.254.10 25 10 Red 1 Roll 80.495.254.25 25 25 Red 1 Roll 80.495.255.10 25 10 Blue 1 Roll 80.495.255.25 25 25 Blue 1 Roll 80.495.257.10 25 10 Black 1 Roll 80.495.257.25 25 25 Black 1 Roll 80.495.302.10 30 10 White 1 Roll | 80.495.205.25 | 20 | 25 | Blue | 1 Roll |
| 80.495.252.10 25 10 White 1 Roll 80.495.252.25 25 25 White 1 Roll 80.495.251.10 25 10 Beige 1 Roll 80.495.251.25 25 25 Beige 1 Roll 80.495.253.10 25 10 Yellow 1 Roll 80.495.253.25 25 25 Yellow 1 Roll 80.495.254.10 25 10 Red 1 Roll 80.495.254.25 25 25 Red 1 Roll 80.495.255.10 25 10 Blue 1 Roll 80.495.255.25 25 25 Blue 1 Roll 80.495.257.10 25 10 Black 1 Roll 80.495.257.25 25 25 Black 1 Roll 80.495.302.10 30 10 White 1 Roll | 80.495.207.10 | 20 | 10 | Black | 1 Roll |
| 80.495.252.25 25 White 1 Roll 80.495.251.10 25 10 Beige 1 Roll 80.495.251.25 25 25 Beige 1 Roll 80.495.253.10 25 10 Yellow 1 Roll 80.495.253.25 25 25 Yellow 1 Roll 80.495.254.10 25 10 Red 1 Roll 80.495.254.25 25 25 Red 1 Roll 80.495.255.10 25 10 Blue 1 Roll 80.495.255.25 25 25 Blue 1 Roll 80.495.257.10 25 10 Black 1 Roll 80.495.257.25 25 25 Black 1 Roll 80.495.302.10 30 10 White 1 Roll | 80.495.207.25 | 20 | 25 | Black | 1 Roll |
| 80.495.251.10 25 10 Beige 1 Roll 80.495.251.25 25 25 Beige 1 Roll 80.495.253.10 25 10 Yellow 1 Roll 80.495.253.25 25 25 Yellow 1 Roll 80.495.254.10 25 10 Red 1 Roll 80.495.254.25 25 25 Red 1 Roll 80.495.255.10 25 10 Blue 1 Roll 80.495.255.25 25 25 Blue 1 Roll 80.495.257.10 25 10 Black 1 Roll 80.495.257.25 25 25 Black 1 Roll 80.495.302.10 30 10 White 1 Roll | 80.495.252.10 | 25 | 10 | White | 1 Roll |
| 80.495.251.25 25 Beige 1 Roll 80.495.253.10 25 10 Yellow 1 Roll 80.495.253.25 25 25 Yellow 1 Roll 80.495.254.10 25 10 Red 1 Roll 80.495.254.25 25 25 Red 1 Roll 80.495.255.10 25 10 Blue 1 Roll 80.495.255.25 25 25 Blue 1 Roll 80.495.257.10 25 10 Black 1 Roll 80.495.257.25 25 25 Black 1 Roll 80.495.302.10 30 10 White 1 Roll | 80.495.252.25 | 25 | 25 | White | 1 Roll |
| 80.495.253.10 25 10 Yellow 1 Roll 80.495.253.25 25 25 Yellow 1 Roll 80.495.254.10 25 10 Red 1 Roll 80.495.254.25 25 25 Red 1 Roll 80.495.255.10 25 10 Blue 1 Roll 80.495.255.25 25 25 Blue 1 Roll 80.495.257.10 25 10 Black 1 Roll 80.495.257.25 25 25 Black 1 Roll 80.495.302.10 30 10 White 1 Roll | 80.495.251.10 | 25 | 10 | Beige | 1 Roll |
| 80.495.253.25 25 Yellow 1 Roll 80.495.254.10 25 10 Red 1 Roll 80.495.254.25 25 25 Red 1 Roll 80.495.255.10 25 10 Blue 1 Roll 80.495.255.25 25 25 Blue 1 Roll 80.495.257.10 25 10 Black 1 Roll 80.495.257.25 25 25 Black 1 Roll 80.495.302.10 30 10 White 1 Roll | 80.495.251.25 | 25 | 25 | Beige | 1 Roll |
| 80.495.254.10 25 10 Red 1 Roll 80.495.254.25 25 25 Red 1 Roll 80.495.255.10 25 10 Blue 1 Roll 80.495.255.25 25 25 Blue 1 Roll 80.495.257.10 25 10 Black 1 Roll 80.495.257.25 25 25 Black 1 Roll 80.495.302.10 30 10 White 1 Roll | 80.495.253.10 | 25 | 10 | Yellow | 1 Roll |
| 80.495.254.25 25 Red 1 Roll 80.495.255.10 25 10 Blue 1 Roll 80.495.255.25 25 25 Blue 1 Roll 80.495.257.10 25 10 Black 1 Roll 80.495.257.25 25 25 Black 1 Roll 80.495.302.10 30 10 White 1 Roll | 80.495.253.25 | 25 | 25 | Yellow | 1 Roll |
| 80.495.255.10 25 10 Blue 1 Roll 80.495.255.25 25 25 Blue 1 Roll 80.495.257.10 25 10 Black 1 Roll 80.495.257.25 25 25 Black 1 Roll 80.495.302.10 30 10 White 1 Roll | 80.495.254.10 | 25 | 10 | Red | 1 Roll |
| 80.495.255.25 25 Blue 1 Roll 80.495.257.10 25 10 Black 1 Roll 80.495.257.25 25 25 Black 1 Roll 80.495.302.10 30 10 White 1 Roll | 80.495.254.25 | 25 | 25 | Red | 1 Roll |
| 80.495.257.10 25 10 Black 1 Roll 80.495.257.25 25 25 Black 1 Roll 80.495.302.10 30 10 White 1 Roll | 80.495.255.10 | 25 | 10 | Blue | 1 Roll |
| 80.495.257.25 25 Black 1 Roll 80.495.302.10 30 10 White 1 Roll | 80.495.255.25 | 25 | 25 | Blue | 1 Roll |
| 80.495.302.10 30 10 White 1 Roll | 80.495.257.10 | 25 | 10 | Black | 1 Roll |
| | 80.495.257.25 | 25 | 25 | Black | 1 Roll |
| 80.495.302.25 30 25 White 1 Roll | 80.495.302.10 | 30 | 10 | White | 1 Roll |
| | 80.495.302.25 | 30 | 25 | White | 1 Roll |



80.495.XXX.XX



| REF | Width/mm | Length/m | Color | PU |
|---------------|----------|----------|--------|--------|
| 80.495.301.10 | 30 | 10 | Beige | 1 Roll |
| 80.495.301.25 | 30 | 25 | Beige | 1 Roll |
| 80.495.303.10 | 30 | 10 | Yellow | 1 Roll |
| 80.495.303.25 | 30 | 25 | Yellow | 1 Roll |
| 80.495.304.10 | 30 | 10 | Red | 1 Roll |
| 80.495.304.25 | 30 | 25 | Red | 1 Roll |
| 80.495.305.10 | 30 | 10 | Blue | 1 Roll |
| 80.495.305.25 | 30 | 25 | Blue | 1 Roll |
| 80.495.307.10 | 30 | 10 | Black | 1 Roll |
| 80.495.307.25 | 30 | 25 | Black | 1 Roll |
| 80.495.382.10 | 38 | 10 | White | 1 Roll |
| 80.495.382.25 | 38 | 25 | White | 1 Roll |
| 80.495.381.10 | 38 | 10 | Beige | 1 Roll |
| 80.495.381.25 | 38 | 25 | Beige | 1 Roll |
| 80.495.383.10 | 38 | 10 | Yellow | 1 Roll |
| 80.495.383.25 | 38 | 25 | Yellow | 1 Roll |
| 80.495.384.10 | 38 | 10 | Red | 1 Roll |
| 80.495.384.25 | 38 | 25 | Red | 1 Roll |
| 80.495.385.10 | 38 | 10 | Blue | 1 Roll |
| 80.495.385.25 | 38 | 25 | Blue | 1 Roll |
| 80.495.387.10 | 38 | 10 | Black | 1 Roll |
| 80.495.387.25 | 38 | 25 | Black | 1 Roll |
| 80.495.502.10 | 50 | 10 | White | 1 Roll |
| 80.495.502.25 | 50 | 25 | White | 1 Roll |
| 80.495.501.10 | 50 | 10 | Beige | 1 Roll |
| 80.495.501.25 | 50 | 25 | Beige | 1 Roll |
| 80.495.503.10 | 50 | 10 | Yellow | 1 Roll |
| 80.495.503.25 | 50 | 25 | Yellow | 1 Roll |
| 80.495.504.10 | 50 | 10 | Red | 1 Roll |
| 80.495.504.25 | 50 | 25 | Red | 1 Roll |
| 80.495.505.10 | 50 | 10 | Blue | 1 Roll |
| 80.495.505.25 | 50 | 25 | Blue | 1 Roll |
| 80.495.507.10 | 50 | 10 | Black | 1 Roll |
| 80.495.507.25 | 50 | 25 | Black | 1 Roll |



80.494.XXX.XX



Hook Tape

Application

- For fast, non-permanent bonds
- For combination with loop tape

Material

- 100 % polyamide (PA)
- Hook-shaped thread

- Can be reclosed many times
- Individually adjustable
- Flexible
- Dimensionally stable
- Washable at up to 60 °C
- Strong holding power even under shear forces and tensile forces
- Available in packing units of 10 m and 25 m $\,$

| REF | Width/mm | Length/m | Color | PU |
|---------------|----------|----------|--------|--------|
| 80.494.202.10 | 20 | 10 | White | 1 Roll |
| 80.494.202.25 | 20 | 25 | White | 1 Roll |
| 80.494.201.10 | 20 | 10 | Beige | 1 Roll |
| 80.494.201.25 | 20 | 25 | Beige | 1 Roll |
| 80.494.203.10 | 20 | 10 | Yellow | 1 Roll |
| 80.494.203.25 | 20 | 25 | Yellow | 1 Roll |
| 80.494.204.10 | 20 | 10 | Red | 1 Roll |
| 80.494.204.25 | 20 | 25 | Red | 1 Roll |
| 80.494.205.10 | 20 | 10 | Blue | 1 Roll |
| 80.494.205.25 | 20 | 25 | Blue | 1 Roll |
| 80.494.207.10 | 20 | 10 | Black | 1 Roll |
| 80.494.207.25 | 20 | 25 | Black | 1 Roll |
| 80.494.252.10 | 25 | 10 | White | 1 Roll |
| 80.494.252.25 | 25 | 25 | White | 1 Roll |
| 80.494.251.10 | 25 | 10 | Beige | 1 Roll |
| 80.494.251.25 | 25 | 25 | Beige | 1 Roll |
| 80.494.253.10 | 25 | 10 | Yellow | 1 Roll |
| 80.494.253.25 | 25 | 25 | Yellow | 1 Roll |
| 80.494.254.10 | 25 | 10 | Red | 1 Roll |
| 80.494.254.25 | 25 | 25 | Red | 1 Roll |
| 80.494.255.10 | 25 | 10 | Blue | 1 Roll |
| 80.494.255.25 | 25 | 25 | Blue | 1 Roll |
| 80.494.257.10 | 25 | 10 | Black | 1 Roll |
| 80.494.257.25 | 25 | 25 | Black | 1 Roll |
| 80.494.302.10 | 30 | 10 | White | 1 Roll |
| 80.494.302.25 | 30 | 25 | White | 1 Roll |



80.494.XXX.XX



| REF | Width/mm | Length/m | Color | PU |
|---------------|----------|----------|--------|--------|
| 80.494.301.10 | 30 | 10 | Beige | 1 Roll |
| 80.494.301.25 | 30 | 25 | Beige | 1 Roll |
| 80.494.303.10 | 30 | 10 | Yellow | 1 Roll |
| 80.494.303.25 | 30 | 25 | Yellow | 1 Roll |
| 80.494.304.10 | 30 | 10 | Red | 1 Roll |
| 80.494.304.25 | 30 | 25 | Red | 1 Roll |
| 80.494.305.10 | 30 | 10 | Blue | 1 Roll |
| 80.494.305.25 | 30 | 25 | Blue | 1 Roll |
| 80.494.307.10 | 30 | 10 | Black | 1 Roll |
| 80.494.307.25 | 30 | 25 | Black | 1 Roll |
| 80.494.382.10 | 38 | 10 | White | 1 Roll |
| 80.494.382.25 | 38 | 25 | White | 1 Roll |
| 80.494.381.10 | 38 | 10 | Beige | 1 Roll |
| 80.494.381.25 | 38 | 25 | Beige | 1 Roll |
| 80.494.383.10 | 38 | 10 | Yellow | 1 Roll |
| 80.494.383.25 | 38 | 25 | Yellow | 1 Roll |
| 80.494.384.10 | 38 | 10 | Red | 1 Roll |
| 80.494.384.25 | 38 | 25 | Red | 1 Roll |
| 80.494.385.10 | 38 | 10 | Blue | 1 Roll |
| 80.494.385.25 | 38 | 25 | Blue | 1 Roll |
| 80.494.387.10 | 38 | 10 | Black | 1 Roll |
| 80.494.387.25 | 38 | 25 | Black | 1 Roll |
| 80.494.502.10 | 50 | 10 | White | 1 Roll |
| 80.494.502.25 | 50 | 25 | White | 1 Roll |
| 80.494.501.10 | 50 | 10 | Beige | 1 Roll |
| 80.494.501.25 | 50 | 25 | Beige | 1 Roll |
| 80.494.503.10 | 50 | 10 | Yellow | 1 Roll |
| 80.494.503.25 | 50 | 25 | Yellow | 1 Roll |
| 80.494.504.10 | 50 | 10 | Red | 1 Roll |
| 80.494.504.25 | 50 | 25 | Red | 1 Roll |
| 80.494.505.10 | 50 | 10 | Blue | 1 Roll |
| 80.494.505.25 | 50 | 25 | Blue | 1 Roll |
| 80.494.507.10 | 50 | 10 | Black | 1 Roll |
| 80.494.507.25 | 50 | 25 | Black | 1 Roll |





◆ Loop Tape, Self-Adhesive

Application

- For fast, non-permanent bonds
- For combination with hook tape

Material

- 100 % polyamide (PA)
- · Looped fleece thread

- Can be reclosed many times
- Strong adhesion
- Individually adjustable
- Flexible
- Dimensionally stable
- Washable at up to 40 °C
- Available in packing units of 5 m and 25 m

| REF | Width/mm | Length/m | Color | PU |
|---------------|----------|----------|-------|--------|
| 80.500.202.05 | 20 | 5 | White | 1 Roll |
| 80.500.202.25 | 20 | 25 | White | 1 Roll |
| 80.500.201.05 | 20 | 5 | Beige | 1 Roll |
| 80.500.201.25 | 20 | 25 | Beige | 1 Roll |
| 80.500.207.05 | 20 | 5 | Black | 1 Roll |
| 80.500.207.25 | 20 | 25 | Black | 1 Roll |
| 80.500.252.05 | 25 | 5 | White | 1 Roll |
| 80.500.252.25 | 25 | 25 | White | 1 Roll |
| 80.500.251.05 | 25 | 5 | Beige | 1 Roll |
| 80.500.251.25 | 25 | 25 | Beige | 1 Roll |
| 80.500.257.05 | 25 | 5 | Black | 1 Roll |
| 80.500.257.25 | 25 | 25 | Black | 1 Roll |
| 80.500.302.05 | 30 | 5 | White | 1 Roll |
| 80.500.302.25 | 30 | 25 | White | 1 Roll |
| 80.500.301.05 | 30 | 5 | Beige | 1 Roll |
| 80.500.301.25 | 30 | 25 | Beige | 1 Roll |
| 80.500.307.05 | 30 | 5 | Black | 1 Roll |
| 80.500.307.25 | 30 | 25 | Black | 1 Roll |
| 80.500.382.05 | 38 | 5 | White | 1 Roll |
| 80.500.382.25 | 38 | 25 | White | 1 Roll |
| 80.500.381.05 | 38 | 5 | Beige | 1 Roll |
| 80.500.381.25 | 38 | 25 | Beige | 1 Roll |
| 80.500.387.05 | 38 | 5 | Black | 1 Roll |
| 80.500.387.25 | 38 | 25 | Black | 1 Roll |
| 80.500.502.05 | 50 | 5 | White | 1 Roll |
| 80.500.502.25 | 50 | 25 | White | 1 Roll |
| 80.500.501.05 | 50 | 5 | Beige | 1 Roll |
| 80.500.501.25 | 50 | 25 | Beige | 1 Roll |
| 80.500.507.05 | 50 | 5 | Black | 1 Roll |
| 80.500.507.25 | 50 | 25 | Black | 1 Roll |



80.501.XXX.XX



◆ Hook Tape, Self-Adhesive

Application

- For fast, non-permanent bonds
- For combination with loop tape

Material

- 100 % polyamide (PA)
- Hook-shaped thread

- Can be opened and closed many times
- Strong adhesion
- Individually adjustable
- Flexible
- Dimensionally stable
- Washable at up to 40 °C
- Strong holding power even under shear forces and tensile forces
- Available in packing units of 5 m and 25 m

| REF | Width/mm | Length/m | Color | PU |
|---------------|----------|----------|-------|--------|
| 80.501.202.05 | 20 | 5 | White | 1 Roll |
| 80.501.202.25 | 20 | 25 | White | 1 Roll |
| 80.501.201.05 | 20 | 5 | Beige | 1 Roll |
| 80.501.201.25 | 20 | 25 | Beige | 1 Roll |
| 80.501.207.05 | 20 | 5 | Black | 1 Roll |
| 80.501.207.25 | 20 | 25 | Black | 1 Roll |
| 80.501.252.05 | 25 | 5 | White | 1 Roll |
| 80.501.252.25 | 25 | 25 | White | 1 Roll |
| 80.501.251.05 | 25 | 5 | Beige | 1 Roll |
| 80.501.251.25 | 25 | 25 | Beige | 1 Roll |
| 80.501.257.05 | 25 | 5 | Black | 1 Roll |
| 80.501.257.25 | 25 | 25 | Black | 1 Roll |
| 80.501.302.05 | 30 | 5 | White | 1 Roll |
| 80.501.302.25 | 30 | 25 | White | 1 Roll |
| 80.501.301.05 | 30 | 5 | Beige | 1 Roll |
| 80.501.301.25 | 30 | 25 | Beige | 1 Roll |
| 80.501.307.05 | 30 | 5 | Black | 1 Roll |
| 80.501.307.25 | 30 | 25 | Black | 1 Roll |
| 80.501.382.05 | 38 | 5 | White | 1 Roll |
| 80.501.382.25 | 38 | 25 | White | 1 Roll |
| 80.501.381.05 | 38 | 5 | Beige | 1 Roll |
| 80.501.381.25 | 38 | 25 | Beige | 1 Roll |
| 80.501.387.05 | 38 | 5 | Black | 1 Roll |
| 80.501.387.25 | 38 | 25 | Black | 1 Roll |
| 80.501.502.05 | 50 | 5 | White | 1 Roll |
| 80.501.502.25 | 50 | 25 | White | 1 Roll |
| 80.501.501.05 | 50 | 5 | Beige | 1 Roll |
| 80.501.501.25 | 50 | 25 | Beige | 1 Roll |
| 80.501.507.05 | 50 | 5 | Black | 1 Roll |
| 80.501.507.25 | 50 | 25 | Black | 1 Roll |



80.497.X0X.XX



◆ Loop Tape, Elastic

Application

- For fast, non-permanent bonds which require elasticity upon muscle flexion
- For combination with elastic hook tape

Material

- 100 % polyamide (PA)
- · Looped fleece thread

- Can be reclosed many times
- Individually adjustable
- Flexible, with approx. 50 % elasticity
- Washable at up to 40 °C
- Available in packing units of 5 m and 25 m

| REF | Width/mm | Length/m | Color | PU |
|---------------|----------|----------|-------|--------|
| 80.497.302.05 | 30 | 5 | White | 1 Roll |
| 80.497.302.25 | 30 | 25 | White | 1 Roll |
| 80.497.301.05 | 30 | 5 | Beige | 1 Roll |
| 80.497.301.25 | 30 | 25 | Beige | 1 Roll |
| 80.497.307.05 | 30 | 5 | Black | 1 Roll |
| 80.497.307.25 | 30 | 25 | Black | 1 Roll |
| 80.497.502.05 | 50 | 5 | White | 1 Roll |
| 80.497.502.25 | 50 | 25 | White | 1 Roll |
| 80.497.501.05 | 50 | 5 | Beige | 1 Roll |
| 80.497.501.25 | 50 | 25 | Beige | 1 Roll |
| 80.497.507.05 | 50 | 5 | Black | 1 Roll |
| 80.497.507.25 | 50 | 25 | Black | 1 Roll |



80.498.X0X.XX



◆ Hook Tape, Elastic

Application

- For fast, non-permanent bonds which require elasticity upon muscle flexion
- For combination with elastic loop tape

Material

- 100 % polyamide (PA)
- · Hook-shaped thread

- Can be reclosed many times
- Individually adjustable
- Flexible, with approx. 50 % elasticity
- Washable at up to 40 °C
- Available in packing units of 5 m and 25 m

| REF | Width/mm | Length/m | Color | PU |
|---------------|----------|----------|-------|--------|
| 80.498.302.05 | 30 | 5 | White | 1 Roll |
| 80.498.302.25 | 30 | 25 | White | 1 Roll |
| 80.498.301.05 | 30 | 5 | Beige | 1 Roll |
| 80.498.301.25 | 30 | 25 | Beige | 1 Roll |
| 80.498.307.05 | 30 | 5 | Black | 1 Roll |
| 80.498.307.25 | 30 | 25 | Black | 1 Roll |
| 80.498.502.05 | 50 | 5 | White | 1 Roll |
| 80.498.502.25 | 50 | 25 | White | 1 Roll |
| 80.498.501.05 | 50 | 5 | Beige | 1 Roll |
| 80.498.501.25 | 50 | 25 | Beige | 1 Roll |
| 80.498.507.05 | 50 | 5 | Black | 1 Roll |
| 80.498.507.25 | 50 | 25 | Black | 1 Roll |





◆ Hook-and-Loop Tape, Back to Back

Application

• For fast, non-permanent bonds

Material

- 100 % polyamide (PA)
- · Looped fleece thread
- · Hook-shaped thread

- Loop material on one side, hook material on the other side, fused together back to back
- Can be opened and closed many times
- · Individually adjustable
- Dimensionally stable
- Washable at up to 60 °C
- Available in packing units of 5 m and 25 m

| REF | Width/mm | Length/m | Color | PU |
|---------------|----------|----------|-------|--------|
| 80.499.202.05 | 20 | 5 | White | 1 Roll |
| 80.499.202.25 | 20 | 25 | White | 1 Roll |
| 80.499.201.05 | 20 | 5 | Beige | 1 Roll |
| 80.499.201.25 | 20 | 25 | Beige | 1 Roll |
| 80.499.207.05 | 20 | 5 | Black | 1 Roll |
| 80.499.207.25 | 20 | 25 | Black | 1 Roll |
| 80.499.302.05 | 30 | 5 | White | 1 Roll |
| 80.499.302.25 | 30 | 25 | White | 1 Roll |
| 80.499.301.05 | 30 | 5 | Beige | 1 Roll |
| 80.499.301.25 | 30 | 25 | Beige | 1 Roll |
| 80.499.307.05 | 30 | 5 | Black | 1 Roll |
| 80.499.307.25 | 30 | 25 | Black | 1 Roll |
| 80.499.502.05 | 50 | 5 | White | 1 Roll |
| 80.499.502.25 | 50 | 25 | White | 1 Roll |
| 80.499.501.05 | 50 | 5 | Beige | 1 Roll |
| 80.499.501.25 | 50 | 25 | Beige | 1 Roll |
| 80.499.507.05 | 50 | 5 | Black | 1 Roll |
| 80.499.507.25 | 50 | 25 | Black | 1 Roll |









Application

• For fast, non-permanent bonds

Material

- 100 % polyamide (PA)
- Looped fleece thread
- Hook-shaped thread

- Hook-and-loop tape that attaches to itself
- Mixture of hooks and loops
- Can be reclosed many times
- Individually adjustable
- Flexible
- Dimensionally stable
- Washable at up to 30 °C
- Available in packing units of 5 m and 25

| REF | Width/mm | Length/m | Color | PU |
|---------------|----------|----------|-------|--------|
| 80.496.302.05 | 30 | 5 | White | 1 Roll |
| 80.496.302.25 | 30 | 25 | White | 1 Roll |
| 80.496.307.05 | 30 | 5 | Black | 1 Roll |
| 80.496.307.25 | 30 | 25 | Black | 1 Roll |
| 80.496.502.05 | 50 | 5 | White | 1 Roll |
| 80.496.502.25 | 50 | 25 | White | 1 Roll |
| 80.496.507.05 | 50 | 5 | Black | 1 Roll |
| 80.496.507.25 | 50 | 25 | Black | 1 Roll |



Technician's Tipp:

The white polyester straps can be colored using our transfer papers or transfer fabrics and a flat iron.

Polyester Strap

Application

• Multi-purpose polyester straps, e.g. for making fixation straps

Material

• 100 % polyester

- Thin and lightweight
- Woven
- Plain weave
- Available in packing units of 10 m, 25 m and 50 m $\,$

| REF | Width/mm | Length/m | Color | PU |
|---------------|----------|----------|-------|--------|
| 80.490.205.10 | 20 | 10 | Blue | 1 Roll |
| 80.490.205.25 | 20 | 25 | Blue | 1 Roll |
| 80.490.205.50 | 20 | 50 | Blue | 1 Roll |
| 80.490.204.10 | 20 | 10 | Red | 1 Roll |
| 80.490.204.25 | 20 | 25 | Red | 1 Roll |
| 80.490.204.50 | 20 | 50 | Red | 1 Roll |
| 80.490.207.10 | 20 | 10 | Black | 1 Roll |
| 80.490.207.25 | 20 | 25 | Black | 1 Roll |
| 80.490.207.50 | 20 | 50 | Black | 1 Roll |
| 80.490.202.10 | 20 | 10 | White | 1 Roll |
| 80.490.202.25 | 20 | 25 | White | 1 Roll |
| 80.490.202.50 | 20 | 50 | White | 1 Roll |
| 80.490.255.10 | 25 | 10 | Blue | 1 Roll |
| 80.490.255.25 | 25 | 25 | Blue | 1 Roll |
| 80.490.255.50 | 25 | 50 | Blue | 1 Roll |
| 80.490.254.10 | 25 | 10 | Red | 1 Roll |
| 80.490.254.25 | 25 | 25 | Red | 1 Roll |
| 80.490.254.50 | 25 | 50 | Red | 1 Roll |
| 80.490.257.10 | 25 | 10 | Black | 1 Roll |
| 80.490.257.25 | 25 | 25 | Black | 1 Roll |
| 80.490.257.50 | 25 | 50 | Black | 1 Roll |
| 80.490.252.10 | 25 | 10 | White | 1 Roll |
| 80.490.252.25 | 25 | 25 | White | 1 Roll |
| 80.490.252.50 | 25 | 50 | White | 1 Roll |
| 80.490.305.10 | 30 | 10 | Blue | 1 Roll |
| 80.490.305.25 | 30 | 25 | Blue | 1 Roll |
| 80.490.305.50 | 30 | 50 | Blue | 1 Roll |
| 80.490.304.10 | 30 | 10 | Red | 1 Roll |
| 80.490.304.25 | 30 | 25 | Red | 1 Roll |
| 80.490.304.50 | 30 | 50 | Red | 1 Roll |



| REF | Width/mm | Length/m | Color | PU |
|---------------|----------|----------|-------|--------|
| 80.490.307.10 | 30 | 10 | Black | 1 Roll |
| 80.490.307.25 | 30 | 25 | Black | 1 Roll |
| 80.490.307.50 | 30 | 50 | Black | 1 Roll |
| 80.490.302.10 | 30 | 10 | White | 1 Roll |
| 80.490.302.25 | 30 | 25 | White | 1 Roll |
| 80.490.302.50 | 30 | 50 | White | 1 Roll |
| 80.490.505.10 | 50 | 10 | Blue | 1 Roll |
| 80.490.505.25 | 50 | 25 | Blue | 1 Roll |
| 80.490.505.50 | 50 | 50 | Blue | 1 Roll |
| 80.490.504.10 | 50 | 10 | Red | 1 Roll |
| 80.490.504.25 | 50 | 25 | Red | 1 Roll |
| 80.490.504.50 | 50 | 50 | Red | 1 Roll |
| 80.490.507.10 | 50 | 10 | Black | 1 Roll |
| 80.490.507.25 | 50 | 25 | Black | 1 Roll |
| 80.490.507.50 | 50 | 50 | Black | 1 Roll |
| 80.490.502.10 | 50 | 10 | White | 1 Roll |
| 80.490.502.25 | 50 | 25 | White | 1 Roll |
| 80.490.502.50 | 50 | 50 | White | 1 Roll |



80.476.022.00/ 80.476.033.00

◆ Adhesive Hook Dots

Application

• Can be used for fastening materials that will attach to hook material, e.g. padding on orthoses

Material

• 100 % polyamide with adhesive coating

Properties

• Self-adhesive

| REF | Diameter/ mm | Color | Version | PU |
|---------------|-----------------|-------|----------|---------|
| 80.476.022.00 | 22 | Black | Hook Dot | 1 Piece |
| 80.476.033.00 | 33 | White | Hook Dot | 1 Piece |



70.050.001.XX

◆ Y-Shaped Hook Fastener Tape

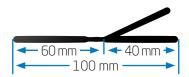
Application

• For adjusting straps, e.g. directly on the patient

Material

• 100 % polyamide

- For fast, non-permanent bonds
- Can be reclosed many times
- Different widths available
- On the shorter segment (40 mm), the strap features two hook-material sections that face each other, and make it possible to attach to some loop-material from either side
- The longer section of the strap (60 mm) will also attach to loop material



| REF | Width/ mm | Length/ mm | Color | Length Y-Shaped Section/mm | Length Fastening Section/mm | PU |
|---------------|--------------|---------------|-------|----------------------------------|-----------------------------------|---------|
| 70.050.001.20 | 20 | 100 | Black | 40 | 60 | 1 Piece |
| 70.050.001.26 | 26 | 100 | Black | 40 | 60 | 1 Piece |
| 70.050.001.48 | 48 | 100 | Black | 40 | 60 | 1 Piece |



Strap Loops

• Strap Loop, Oval

Application

• Strap loop for strap connections

Material

• Steel wire, nickel plated

Properties

- Welded
- Robust design

| REF | Inner Width/mm | Wire Thickness/mm | PU |
|---------------|----------------|-------------------|-----------|
| 80.678.000.18 | 18 | 1.8 | 100 Piece |
| 80.678.000.20 | 20 | 1.8 | 100 Piece |
| 80.678.000.25 | 25 | 2.0 | 100 Piece |
| 80.678.000.30 | 30 | 2.0 | 100 Piece |
| 80.678.000.35 | 35 | 2.0 | 100 Piece |
| 80.678.000.45 | 45 | 2.4 | 100 Piece |
| 80.678.000.50 | 50 | 2.6 | 100 Piece |



• Strap Loop, Square

Application

• Strap loop for strap connections

Material

Steel wire, nickel plated

- Welded
- Robust design

| REF | Inner Width/mm | Wire Thickness/mm | PU |
|---------------|----------------|-------------------|-----------|
| 80.678.001.20 | 20 | 2.0 | 100 Piece |
| 80.678.001.25 | 25 | 2.4 | 100 Piece |
| 80.678.001.30 | 30 | 2.5 | 100 Piece |
| 80.678.001.35 | 35 | 2.5 | 100 Piece |
| 80.678.001.40 | 40 | 3.0 | 100 Piece |
| 80.678.001.45 | 45 | 3.0 | 100 Piece |
| 80.678.001.50 | 50 | 3.0 | 100 Piece |



80.678.002.XX

• Strap Loop, Oval, with Roller

Application

• Strap loop for strap connections

Material

• Steel wire, nickel plated

Properties

- Welded
- Very robust design
- The roller reduces friction on the strap

| REF | Inner Width/mm | Wire Thickness/mm | PU |
|---------------|----------------|-------------------|------------|
| 80.678.002.30 | 30 | 2.0 | 100 Pieces |
| 80.678.002.35 | 35 | 2.0 | 100 Pieces |
| 80.678.002.45 | 45 | 2.4 | 100 Pieces |
| 80.678.002.50 | 50 | 2.6 | 100 Pieces |



Plastic Loop

Application

• Strap loop for strap connections

Material

Plastic

Properties

• Robust design

| REF | Inner Width/mm | Color | PU |
|---------------|----------------|-----------------|------------|
| 80.679.007.20 | 20 | Black | 100 Pieces |
| 80.679.008.20 | 20 | Natural-Colored | 100 Pieces |
| 80.679.008.25 | 25 | Natural-Colored | 100 Pieces |
| 80.679.008.30 | 30 | Natural-Colored | 100 Pieces |
| 80.679.008.38 | 38 | Natural-Colored | 100 Pieces |
| 80.679.008.50 | 50 | Natural-Colored | 100 Pieces |



80.680.008.XX



With roller and riveting tab.

Application

• Strap loop for loop connetions

Material

- Plastic (riveting tab and roller)
- Steel, nickel plated (loop)

Properties

- The roller reduces friction on the strap
- With riveting tab

| REF | Inner Width/mm | Color | Rivet Hole/mm | PU |
|---------------|----------------|-----------------|---------------|-----------|
| 80.680.008.35 | 35 | Natural-Colored | 4 | 20 Pieces |
| 80.680.008.50 | 50 | Natural-Colored | 4 | 20 Pieces |









80.676.00X.35





80.676.00X.50



◆ Plastic Loop with Riveting Tab

Application

• Loop strap for strap connections

Material

Plastic

Properties

• With riveting tab

| REF | Inner Width/mm | Color Rivet Hole/mn | | PU |
|---------------|----------------|---------------------|---|-----------|
| 80.676.002.25 | 25 | White | 4 | 20 Pieces |
| 80.676.005.25 | 25 | Blue | 4 | 20 Pieces |
| 80.676.004.25 | 25 | Red | 4 | 20 Pieces |
| 80.676.007.25 | 25 | Black | 4 | 20 Pieces |
| 80.418.030.00 | 30 | White | 4 | 20 Pieces |
| 80.676.002.35 | 35 | White | 4 | 20 Pieces |
| 80.676.005.35 | 35 | Blue | 4 | 20 Pieces |
| 80.676.004.35 | 35 | Red | 4 | 20 Pieces |
| 80.676.007.35 | 35 | Black | 4 | 20 Pieces |
| 80.676.002.50 | 50 | White | 4 | 20 Pieces |
| 80.676.005.50 | 50 | Blue | 4 | 20 Pieces |
| 80.676.004.50 | 50 | Red | 4 | 20 Pieces |
| 80.676.007.50 | 50 | Black | 4 | 20 Pieces |



80.677.00X.20



80.677.00X.25







◆ Metal Loop with Riveting Tab

Application

• Strap loop for strap connections

Material

- Plastic (riveting tab)
- Steel, nickel plated (loop)

Properties

• With riveting tab

| REF | Inner Width/mm | Color | Rivet Hole/mm | PU |
|---------------|----------------|-------|---------------|-----------|
| 80.677.002.20 | 20 | White | 4 | 20 Pieces |
| 80.677.005.20 | 20 | Blue | 4 | 20 Pieces |
| 80.677.004.20 | 20 | Red | 4 | 20 Pieces |
| 80.677.007.20 | 20 | Black | 4 | 20 Pieces |
| 80.677.002.25 | 25 | White | 4 | 20 Pieces |
| 80.677.005.25 | 25 | Blue | 4 | 20 Pieces |
| 80.677.004.25 | 25 | Red | 4 | 20 Pieces |
| 80.677.007.25 | 25 | Black | 4 | 20 Pieces |
| 80.677.002.30 | 30 | White | 4 | 20 Pieces |
| 80.677.005.30 | 30 | Blue | 4 | 20 Pieces |
| 80.677.004.30 | 30 | Red | 4 | 20 Pieces |
| 80.677.007.30 | 30 | Black | 4 | 20 Pieces |
| 80.677.002.35 | 35 | White | 4 | 20 Pieces |
| 80.677.005.35 | 35 | Blue | 4 | 20 Pieces |
| 80.677.004.35 | 35 | Red | 4 | 20 Pieces |
| 80.677.007.35 | 35 | Black | 4 | 20 Pieces |
| 80.677.002.50 | 50 | White | 4 | 20 Pieces |
| 80.677.005.50 | 50 | Blue | 4 | 20 Pieces |
| 80.677.004.50 | 50 | Red | 4 | 20 Pieces |
| 80.677.007.50 | 50 | Black | 4 | 20 Pieces |



42.900.001.00

Strap Loop

• Strap Loop with Integrated Riveting Tab

Application

• Strap loop for strap connections

Material

Plastic

Properties

- With riveting tab
- Attractive design
- Does not add bulk

| REF | Inner Width/mm | Color | Rivet Hole/mm | PU |
|---------------|----------------|-------|---------------|---------|
| 42.900.001.00 | 40 | Grey | 6.7 | 1 Piece |

D

22.519.040.00

• Strap Loop

Application

- Strap loop for strap connections
- Can also be used as a pull ring thanks to its shape ("D-shape")

Material

Plastic

Properties

• Robust design

| REF | Inner Width/mm | Color | PU |
|---------------|----------------|-------|---------|
| 22.519.040.00 | 35 | Black | 1 Piece |



80.861.050.00

Plastic Clamping Buckle

Application

• For closing length-adjustable strap systems, e.g. for orthoses for children

Material

• Plastic

- Hinged fastener
- Thin

| REF | Inner Width/mm | Color | PU |
|---------------|----------------|-------|-----------|
| 80.861.050.00 | 25 | White | 20 Pieces |



70.114.000.00



80.674.020.00

Buckles

• Buckle, Centered

Application

• Two-part system for closing length-adjustable strap systems e.g. on orthoses for children

Material

Plastic

Properties

- Central release button
- Does not add bulk

| REF | Inner Width/mm | Color | PU |
|---------------|----------------|-------|---------|
| 70.114.000.00 | 10 | White | 1 Piece |

• Buckle, Lateral

Application

• Two-part system for closing length-adjustable strap systems e.g. on orthoses for children

Material

Plastic

- Lateral release button
- Does not add bulk
- Leading the strap back through the outer slot will prevent the length of the strap from changing

| REF | Inner Width/mm | Color | PU |
|---------------|----------------|-------|---------|
| 80.674.020.00 | 20 | White | 1 Piece |



80.676.039.00

• Buckle, Centered

Application

• Two-part system for closing length-adjustable strap systems e.g. on orthoses for children

Material

Plastic

Properties

- Central release button
- Does not add bulk

| REF | Inner Width/mm | Color | PU |
|---------------|----------------|-------|---------|
| 80.676.039.00 | 35 | Black | 1 Piece |



70.113.001.01

• Buckle, Lateral

Application

• Two-part system for closing length-adjustable strap systems e.g. on orthoses for children

Material

Plastic

- Lateral release button
- Slightly bent to match many anatomical shapes
- Audible feedback when buckle is closed

| REF | Inner Width/mm | Color | PU |
|---------------|----------------|-------|---------|
| 70.113.001.01 | 35 | Black | 1 Piece |



80.675.001.40

◆ Magnetic Fasteners

• SLIDER Magnetic Fastener

Application

- Magnetic fastener with locking mechanism
- Two-part system for closing length-adjustable strap systems e.g. on knee and torso braces

Material

• Plastic with integrated magnets

Properties

- Automatic and secure locking via magnetic pull
- Easy to open with one hand by sliding the buckle open
- Robust and durable

| REF | Length/ mm | Width/ mm | Height/ mm | | Max. Load/kg | Color | PU |
|---------------|---------------|--------------|---------------|----|-----------------|-------|---------|
| 80.675.001.40 | 58 | 47 | 15 | 40 | 40 | Black | 1 Piece |





80.675.002.X0

• BUCKLE Magnetic Fastener

Application

- Magnetic fastener with locking mechanism
- Two-part system for closing length-adjustable strap systems e.g. on orthoses

Material

• Plastic with integrated magnets

- Automatic and secure locking via magnetic pull
- Easy to open with one hand by sliding the buckle open on its side
- Robust and durable

| REF | Length/ mm | Width/ mm | Height/ mm | Inner Width/ mm | Max. Load/kg | Color | PU |
|---------------|---------------|--------------|---------------|-----------------------|-----------------|-------|---------|
| 80.675.002.20 | 46 | 22 | 12 | 20 | 55 | Black | 1 Piece |
| 80.675.002.30 | 62 | 42 | 10 | 30 | 45 | Black | 1 Piece |
| 80.675.002.40 | 74 | 49 | 10 | 40 | 40 | Black | 1 Piece |





80.675.003.XX

• V-BUCKLE Magnetic Fastener

Application

- Magnetic fastener with locking mechanism
- Two-part system for closing length-adjustable strap systems e.g. on orthoses

Material

• Plastic with integrated magnets

Properties

- Automatic and secure locking through magnetic pull
- Easy to open by pulling the zipper
- Robust and durable

| REF | Length/ mm | Width/ mm | Height/ mm | Inner Width/ mm | Max. Load/kg | Color | PU |
|---------------|---------------|--------------|---------------|-----------------------|-----------------|-------|---------|
| 80.675.003.25 | 72 | 34 | 13 | 25 | 70 | Black | 1 Piece |
| 80.675.003.40 | 80 | 49 | 13.5 | 40 | 70 | Black | 1 Piece |



Corset Hook-and-Loop Fasteners

Application

• Pre-manufactured hook-and-loop for scoliosis corsets

Material

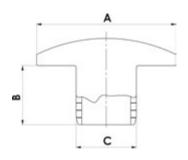
PVC

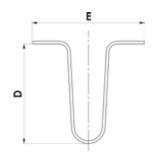
- Can be reclosed many times
- Individually andjustable
- Especially strong strap loop
- Flexible
- Dimensionally stable

| REF | Product |
|---------------|--|
| 21.707.001.01 | Corset Hook&Loop Fastener Black 400x40mm PU: 10pcs |
| 21.707.001.02 | Corset Hook&Loop Fastener White 400x40mm PU: 10pcs |
| 21.707.001.51 | Strap Loop f.Corset H.&L.Fast.Black 40mm PU: 10pcs |
| 21.707.001.52 | Strap Loop f.Corset H.&L.Fast.White 40mm PU: 10pcs |



70.092.0XX.00





◆ Tubular Rivets

Application

• Rivets for fastening tabs and straps

Material

• Brass with white bronze coating

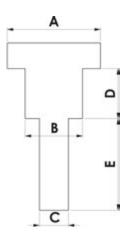
Properties

- Nickel free
- Closed top part, open bottom part

Scope of delivery: 100 top parts and 100 bottom parts

| REF | Top Part A x B x C/mm | Bottom Part D x E/mm | Color | PU |
|---------------|--------------------------|-------------------------|--------|-----------------|
| 70.092.005.00 | 6 x 3 x 3.3 | 6.5 x 6.5 | Silver | 100 Pieces Each |
| 70.092.010.00 | 9 x 3.4 x 3.9 | 9 x 8 | Silver | 100 Pieces Each |
| 70.092.013.00 | 13 x 4 x 4 | 11.5 x 11.5 | Silver | 100 Pieces Each |
| 70.093.010.00 | 10 x 4 x 4 | 8.8 x 8. | Black | 100 Pieces Each |
| 70.093.013.00 | 13 x 4 x 4.5 | 11.5 x 11.5 | Black | 100 Pieces Each |







70.118.000.00

Rivet Button

Made from plastic.

Application

• Buttons for fastening tabs and straps

Material

• Sadur polymethyl methacrylate (PMMA)

Properties

- Corrosion-resistant
- Waterproof
- Impact-proof

 $A = Diameter\ of\ Head,\ B = Diameter\ of\ Lug,\ C = Diameter\ of\ Rivet\ Pin$ $D = Height\ of\ Lug,\ E = Length\ of\ Rivet\ Pin$

| REF | A x B x C x D x E/mm | PU |
|---------------|----------------------|---------|
| 70.181.002.00 | 9 x 5 x 4 x 3 x 6 | 1 Piece |
| 70.181.003.00 | 9 x 5 x 4 x 3 x 10 | 1 Piece |
| 70.181.004.00 | 12 x 7 x 5 x 4 x 6 | 1 Piece |
| 70.181.005.00 | 12×7×5×4×10 | 1 Piece |

◆ Lamination Disk

Application

• For anchoring screwed connections in laminates, prepreg and silicone components

Material

Stainless steel

- Corrosion-resistant
- With 3 slits for good penetration and connection with the subjacent reinforcement materials

| REF | Product | Thread | PU |
|---------------|---------------------------|--------|---------|
| 70.118.000.00 | Lamination Disk M4x4.8x15 | M4 | 1 Piece |



70.117.404.00



70.117.514.00

Hessing Screw

Application

• For fastening purposes for orthopedic applications

Technical Data

- Material: galvanized steel
- Screw profile: slotted screw
- Thread: M4 / M5

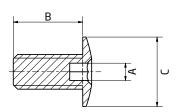
Properties

• Large screw head

| REF | Product | PU |
|---------------|-----------------------|---------|
| 70.117.404.00 | Hessing Screw M4x4x7 | 1 Piece |
| 70.117.514.00 | Hessing Screw M5x14x9 | 1 Piece |



70.118.400.10



◆ Flat Head Cap Screw with Hexagonal Socket

Application

• For universal fastening purposes

Technical Data

- Material: stainless steel
- Screw profile: hexagon socket
- Thread: M4
- Width across flats: 2 mm
- Tightening torque: 2 Nm max

Properties

- Very flat screw head, does not add any height
- No sharp edges thanks to hexagonal socket

| REF | Product | PU |
|---------------|---|-----------|
| 70.118.400.10 | Flat Head Cap Screw M4x7x8 SS PU: 20pcs | 20 Pieces |



70.118.400.20



Press Nut

Application

• For universal fastening purposes

Technical Data

- Material: stainless steel
- Thread: M4

Properties

• Knurled lug for a secure connection

| REF | Product | PU |
|---------------|--------------------------------------|-----------|
| 70.118.400.20 | Press Nut M4x10x5.2x3.3 SS PU: 20pcs | 20 Pieces |



70.117.600.01

Slotted Screw

Application

• Screws for connecting brace bars during a fitting when used together with winged nut REF 70.117.600.00.

Technical Data

- Material: galvanized steel
- Thread: M3
- Circumference head: 5.6 mm
- Total height: 16 mm

| REF | Product | PU |
|---------------|--------------------------------|------------|
| 70.117.600.01 | Slotted Screw M3x16 PU: 100pcs | 100 Pieces |



◆ Winged Nut

Application

• For connecting brace bars during a fitting when used together with slotted screws REF 70.117.600.01

Technical Data

- Material: malleable iron
- Thread: M3

| REF | Product | PU |
|---------------|--------------------------|------------|
| 70.117.600.00 | Winged Nut M3 PU: 100pcs | 100 Pieces |



21.520.0XX.00

Flex-Joint Assembly Set

• Flex-Joint

Flex-Joints are characterized by their especially robust design. The cast-in, continuous stabilizing thread makes for unsurpassed continuous loading capacity without a creeping loss of restoring force.

Application

- Flex-Joints are lightweight, small and flexible joints which are designed for connecting with thermoplastic and duroplastic materials
- For all jointed connections

Material

• Polyurethane (PUR)

Properties

- Articulated or for supporting dorsal flexion
- No pre-assembly required
- Adult and pediatric sizes available
- No additional tools required
- With cast-in stabilizing thread

Assembly Set Consists of

- 1 pair of joints
- 4 lens head screws
- 4 brass inserts
- 4 adhesive padding inserts
- 1 pair of dummies incl. 4 fastening nails
- Installation guide

| REF | Version | Length/mm | Size | PU |
|---------------|------------|-----------|------|--------|
| 21.520.001.00 | Straight | 32 | S | 1 Pair |
| 21.520.002.00 | Straight | 38 | М | 1 Pair |
| 21.520.003.00 | Straight | 45 | L | 1 Pair |
| 21.520.011.00 | 75 Shore A | 32 | S | 1 Pair |
| 21.520.012.00 | 75 Shore A | 38 | М | 1 Pair |
| 21.520.013.00 | 75 Shore A | 45 | L | 1 Pair |
| 21.520.021.00 | 85 Shore A | 32 | S | 1 Pair |
| 21.520.022.00 | 85 Shore A | 38 | М | 1 Pair |
| 21.520.023.00 | 85 Shore A | 45 | L | 1 Pair |
| 21.520.031.00 | 95 Shore A | 32 | S | 1 Pair |
| 21.520.032.00 | 95 Shore A | 38 | М | 1 Pair |
| 21.520.033.00 | 95 Shore A | 45 | L | 1 Pair |



21.520.04X.00

• Flex-Joint Dummy

Application

• Dummy for thermoforming or laminating an orthosis

Material

• Polyurethane (PUR)

Set Consists of

• 1 pair of dummies incl. 4 fastening nails

| REF | Length/mm | Size | PU |
|---------------|-----------|------|--------|
| 21.520.041.00 | 32 | S | 1 Pair |
| 21.520.042.00 | 38 | М | 1 Pair |
| 21.520.043.00 | 45 | L | 1 Pair |



21.520.01X.00

• Thread Inserts and Screws for Flex-Joints

Set Consists of

- 10 pcs. thread inserts made of brass
- 10 pcs. lens head screws

| REF | Screw Thread/mm | Thread Insert/mm | Size | PU |
|---------------|-----------------|------------------|-------|-----------|
| 21.520.016.00 | M 3.5 x 8 | M 3.5 | S | 10 Pieces |
| 21.520.017.00 | M 4 x 9 | M 4 | M & L | 10 Pieces |



Dorsal Stop Kit for Flex-Joints

Application

• Appliance for restricting the plantar flexion of the upper ankle joint

Material

- Stop made from elastomer
- Galvanized steel

Properties

- Continuous adjustment of plantar flexion
- Can be used on laminated and thermoformed orthoses

Set Consists of

- Stop with rubber cap
- Flat washer
- Locking nut
- Threaded piece with fastening threads

| REF | Length/mm | PU |
|---------------|-----------|---------|
| 21.520.018.00 | 40 | 1 Piece |

Adhesives and Lubricants





70.644.400.00

◆ Spray Adhesive ���

For a non-permanent bond.

Application

• For repositionable and removeable glued connections e.g. when working with carbon fiber, glass fiber and many other materials like e.g. textiles

Material

· Aerosol adhesive

Processing

- Shake can vigorously
- Surfaces to be bonded must be clean, free of grease and dust, dry and free of old adhesive residue.
- Roughen the substrate if necessary
- Turn the spray head so that the arrow points to the dot on the top edge of the can and then set to the desired spray width
- Spray distance approx. 20 25 cm
- Flash-off time: 1 10 min
- Detachable bonds: Spray only on one of the materials to be bonded
- Permanent bonds: Spray on both materials
- Bonding span: unlimited
- To avoid possible clogging of the nozzle, turn the can upside down after use and spray until no more adhesive comes out of the nozzle!

- Removeable bond when a thin layer of adhesive is applied on one side only
- UV-resistant and non-ageing
- Very fine mist thanks to extra-wide nozzle
- Temperature resistant up to 50°C

| REF | Content/ml | Color | PU |
|---------------|------------|-------------|-------|
| 70.644.400.00 | 400 | Transparent | 1 Can |



70.644.401.00

◆ Spray Adhesive ���

For a permanent bond.

Application

• For a permanent bond e.g. when working with carbon fiber, glass fiber and many other materials

Material

Aerosol adhesive

Processing

- · Shake can vigorously
- Surfaces to be bonded must be clean, free of grease and dust, dry and free of old adhesive residue.
- Roughen the substrate if necessary
- Turn the spray head so that the arrow points to the dot on the top edge of the can and then set to the desired spray width
- Spray distance approx. 20 25 cm
- Flash-off time: 10 s
- Bonding time for one-sided application: up to 15 min
- Adhesive coverage on both sides: up to 30 min
- To avoid possible clogging of the nozzle, turn the can upside down after use and spray until no more adhesive comes out of the nozzle!

- Permanent bond, adhesive can be applied on one or two sides
- Adjustable spray pattern
- Temperature resistant up to 60°C

| REF | Content/ml | Color | PU |
|---------------|------------|-----------|-------|
| 70.644.401.00 | 400 | Off-White | 1 Can |



70.644.500.02



Application

• For a permanent bond with felt, cork, foam, wood, leather and rubber

Material

Aerosol adhesive

Processing

- · Shake can vigorously
- Surfaces to be bonded must be clean, free of grease and dust, dry and free of old adhesive residue
- Roughen the substrate if necessary
- The application quantity should be increased for absorbent substrates
- Spray distance approx. 20 25 cm
- Contact bonding: Apply adhesive separately to the parts to be bonded.
 Allow the adhesive to flash off. Fit the parts together properly and press on.
 Subsequent corrections are hardly possible.
- Assembly bonding: Apply adhesive separately to the parts to be bonded. After the shortest
 possible parts together while the adhesive is still wet. Corrections are still possible for some
 time. Leave the bond unloaded until the adhesive has set completely (approx. 24 hours).
- To avoid possible clogging of the nozzle, turn the can upside down after use and spray until no more adhesive comes out of the nozzle!

- Strong adhesion
- Economical and precise dosing
- Temperature resistant up to 50 °C

| REF | Content/ml | Color | PU |
|---------------|------------|---------------------|-------|
| 70.644.500.02 | 500 | Whitish-Transparent | 1 Can |



70.678.020.00

Renia Ortec Contact Adhesive 🗘 🕸 🕸



Application

• For a permanent bond with all materials like PE and PP (except plasticized PVC)

• Contact adhesive containing polychloroprene

Processing

- Recommended storage temperature 10 30 °C, always in tightly closed original containers
- Protect from direct sunlight
- Surfaces must be free of dust and grease
- Roughened surfaces improve adhesion
- Coat the adhesive parts thoroughly so that a firm adhesive film can form

- Toluene-free
- Phenol-free
- Drying time/flash-off time 5 min
- Curing time after glueing: 15 60 min

| REF | Content | PU |
|---------------|---------|------------|
| 70.678.020.00 | 850 g | 1 Can |
| 70.678.004.00 | 4.0 kg | 1 Canister |



74.006.003.01









Application

- For thinning down the Renia Ortec contact adhesive
- For cleaning paintbrushes etc.

Material

• Solvent mixture

Properties

- Toluene-free
- Colorless
- Easy to mix

| REF | Content | PU |
|---------------|---------|-------|
| 74.006.003.01 | 1 Liter | 1 Can |



74.006.004.01





Application

- For removing shoe soles, insert covers etc.
- For cleaning leather

Material

• Solvent mixture

- Fast solution of the glue film due to strong creep properties
- Colorless

| REF | Content | PU |
|---------------|---------|-------|
| 74.006.004.01 | 1 Liter | 1 Can |



74.006.001.00



Application

• Solvent and cleaning agent

Material

• Acetone-based solvent

Properties

- Chemically pure
- Colorless

| REF | Content | PU |
|---------------|---------|-------|
| 74.006.001.00 | 1 Liter | 1 Can |









Application

- Very versatile and strong mounting adhesive for a quick bond
- Ideally suited for glueing e.g. socket adapters

Material

• Epoxy-based two-component adhesive

Properties

- Two-component adhesive
- Pleasant viscous consistency
- Processing time until fully cured: 60 s
- Resisant against high temperatures, moisture and most solvents and chemicals

| REF | Content/Amount/ml | Color | PU |
|-----------|-------------------|-------|---------------------------------|
| FT.60SL50 | 50 | Beige | 1 Cartridge Incl. 2 Mixing Tips |
| FT.1ML50 | 50 | Black | 1 Cartridge Incl. 2 Mixing Tips |
| FT.60SL | 215 | Beige | 1 Cartridge Incl. 2 Mixing Tips |
| FT.1ML | 215 | Black | 1 Cartridge Incl. 2 Mixing Tips |

Product contains diisocyanates. As of August 24, 2023, users must receive appropriate training prior to industrial or commercial use.



FT.G50/FT.G220



• PLUSeries Dispensing Gun

| REF | Application | PU |
|---------|---------------------------|---------|
| FT.G50 | for 50 ml Cartridges | 1 Piece |
| FT.G220 | for 215/220 ml Cartridges | 1 Piece |

• PLUSeries Mixing Tips

| REF | Mixing Tips | PU |
|---------------|---------------------------|-----------|
| FT.127226 | for 50 ml Cartridges | 6 Pieces |
| 70.678.900.01 | for 50 ml Cartridges | 50 Pieces |
| FT.127216 | for 215/220 ml Cartridges | 6 Pieces |
| 70.678.900.00 | for 215/220 ml Cartridges | 50 Pieces |



70.820.114.00





Application

- Repair and mounting material
- For repairing cracks and cavities, for sealing, connecting and glueing a multitude of materials

Material

• Two-component putty / epoxy-based adhesive

- Color component A (exterior layer): light grey
- Color component B (inner layer): dark grey
- Consistency, mixed: manually kneadable
- Processing time: approx. 3 4 min
- Curing time: 8 12 min
- Temperature resistance: + 120 °C (temporarily up to 200 °C)

| REF | Content/g | Color | PU |
|---------------|-----------|------------|---------|
| 70.820.114.00 | 114 | Anthracite | 1 Piece |



70.219.008.01



Application

- For sealing PVA films
- Versatile in use

Material

• Polyethylene film with acrylate adhesive

Properties

- Transparent
- Elastic
- Strong adhesion
- Resistant to chemicals

| REF | Length/m | Width/mm | Thickness/mm | PU |
|---------------|----------|----------|--------------|--------|
| 70.219.008.01 | 33 | 25.4 | 0.13 | 1 Roll |



70.220.0XX.25

Coroplast Adhesive Tape

Application

• Adhesive tape for taping PVC films and many other purposes

Material

• Soft PVC film coated with acrylic adhesive

- Tear-resistant
- Heavy-duty quality
- Thermally stable
- Elastic
- Strong adhesion

| REF | Length/m | Width/mm | Thickness/mm | PU |
|---------------|----------|----------|--------------|--------|
| 70.220.038.25 | 25 | 38 | 0.10 | 1 Roll |
| 70.220.050.25 | 25 | 50 | 0.10 | 1 Roll |



◆ PVC Adhesive Tape, Double-Sided

Application

• For glueing PVC films and fastening reinforcement materials like carbon

Materia

• PVC film with acrylic adhesive

Properties

- Extremely thin PVC adhesive film
- No backing material
- Dissolves into the laminate during processing procedure

| REF | Length/m | Width/mm | PU |
|---------------|----------|----------|--------|
| 70.225.006.50 | 50 | 6 | 1 Roll |
| 70.225.019.50 | 50 | 19 | 1 Roll |



◆ Adhesive Foam Tape

Application

• For sealing and isolating during the thermoforming and laminating process

Material

• Foam coated with natural rubber adhesive

- Black
- Temperature resistance -40 °C to +100 °C
- 40 Shore 00
- Very good adhesion
- High-quality seal against e.g. water
- Adhesive on one side

| REF | Length/m | Width/mm | Thickness/mm | PU |
|---------------|----------|----------|--------------|--------|
| 70.219.005.01 | 10 | 25 | 4 | 1 Roll |



◆ Filament Adhesive Tape / Glass Fiber Adhesive Tape

Application

• For reinforcing and securing prosthetic sockets

Materia

• Polypropylene adhesive tape with glass fiber reinforcement

Properties

- Extremely tear-resistant
- Adhesive on one side

| REF | Length/m | Width/mm | PU |
|---------------|----------|----------|--------|
| 70.226.019.50 | 50 | 19 | 1 Roll |



◆ Linen Adhesive Tape

Application

• Multi-purpose adhesive tape, e.g. for sealing and reinforcing during the laminating process

Material

• Linen textile coated with natural rubber adhesive

- Strong adhesion
- High tensile strength and tear resistance
- Adhesive on one side

| REF | Length/m | Width/mm | PU |
|---------------|----------|----------|--------|
| 70.221.019.00 | 50 | 19 | 1 Roll |
| 70.221.025.00 | 50 | 25 | 1 Roll |



Masking Tape

Application

• Multi-purpose adhesive tape, e.g. for masking and isolating while painting

Material

• Special paper coated with natural rubber adhesive

Properties

- Good adhesion on a multitude of surfaces
- For temporary fixation
- · Can be written on
- Adhesive on one side

| REF | Length/m | Width/mm | PU |
|---------------|----------|----------|--------|
| 70.223.025.50 | 50 | 25 | 1 Roll |



• Masking Tape, Heavily Creped

Application

• Multi-purpose adhesive tape, e.g. for masking and isolating during the painting process

Material

• Special paper, heavily creped, coated with natural rubber adhesive

- Good adhesion on a multitude of surfaces
- For temporary fixation
- Can be written on
- Adhesive on one side
- Removable without residue
- Tears off easily
- Especially suitable for masking narrow curves

| REF | Length/m | Width/mm | PU |
|---------------|----------|----------|--------|
| 70.223.125.50 | 50 | 25 | 1 Roll |



74.003.001.02 21.992.000.10

Sealing Wax

Application

• Suited as a separating agent and for isolating metal parts, to prevent them from attaching to other components

Material

• Mixed solid-lubricate waxes

| REF | Content/g | Color | PU |
|---------------|-----------|-----------|---------|
| 21.992.000.10 | 5 | Yellowish | 1 Piece |
| 74.003.001.02 | 425 | Yellowish | 1 Piece |



74.003.001.03

◆ Plasticine Modelling Putty

Application

- For sealing PVA films
- Versatile in use

Material

• Polyethylene film with acrylate adhesive

- High temperature resistant
- Easily mouldable

| REF | Content/g | Color | PU |
|---------------|-----------|-------|---------|
| 74.003.001.03 | 500 | Grey | 1 Piece |





Drum for Sanding Sleeves

Application

• Ideally suited for large-scale material removal thanks to large width of 200 mm

Material

• Polyurethane (PUR)

Properties

- Conical shape on the inside, for receiving the spindle of the router
- Incl. one sanding sleeve REF 74.107.001.08, grit 80

| REF | Length/mm | Diameter/mm | PU |
|---------------|-----------|-------------|---------|
| 74.107.000.00 | 200 | 72.5 | 1 Piece |





74.107.001.XX

Sanding Sleeve, cylindrical shape

Application

• Ideally suited for large-scale material removal thanks to large width of 200 mm

Material

• Linen material coated with corundum

- Matches drum for sanding sleeves REF 74.107.000.00
- Three grit levels available

| REF | Length/ mm | Diameter/mm | Grit | For Mounting | PU |
|---------------|---------------|-------------|------|---------------|-----------|
| 74.107.001.24 | 200 | 72.5 | 24 | 74.107.000.00 | 10 Pieces |
| 74.107.001.04 | 200 | 72.5 | 40 | 74.107.000.00 | 10 Pieces |
| 74.107.001.08 | 200 | 72.5 | 80 | 74.107.000.00 | 10 Pieces |
| 74.107.001.10 | 200 | 72.5 | 100 | 74.107.000.00 | 10 Pieces |



74.106.002.XX



74.105.003.XX





74.105.004.XX





74.105.005.XX



74.107.002.0X

• Sanding Sleeves, cylindrical shape

Application

• For a multitude of sanding purposes

Material

• Linen material coated with corundum

Properties

- Durable
- Different shapes
- Different grits
- Different dimensions

Cylindrical Shape

| REF | Length/mm | Diameter/mm | Grit | PU |
|---------------|-----------|-------------|------|-----------|
| 74.106.002.04 | 50 | 20 | 40 | 10 Pieces |
| 74.106.002.15 | 50 | 20 | 150 | 10 Pieces |
| 74.105.003.04 | 52 | 25 | 40 | 10 Pieces |
| 74.105.003.12 | 52 | 25 | 120 | 10 Pieces |
| 74.105.004.04 | 75 | 45 | 40 | 10 Pieces |
| 74.105.004.12 | 75 | 45 | 120 | 10 Pieces |
| 74.105.005.04 | 75 | 60 | 40 | 10 Pieces |
| 74.105.005.08 | 75 | 60 | 80 | 10 Pieces |

Ceramic Sanding Caps, cylindrical shape

Application

- For versatile sanding purposes
- Also suitable for sanding carbon materials

Material

• Cermic grit applied to linen material

- For sanding drum REF 74.107.000.00
- More durable than conventional sanding sleeves
- Less wear
- Various grit sizes
- Self-sharpening thanks to sharp-edged, pointy grit
- Low sanding temperatures due to additional active coating

| REF | Length/ mm | Diameter/mm | Grit | For Mounting | VPE PU |
|---------------|---------------|-------------|------|---------------|----------|
| 74.107.002.04 | 200 | 72.5 | 40 | 74.107.000.00 | 5 Pieces |
| 74.107.002.08 | 200 | 72.5 | 80 | 74.107.000.00 | 5 Pieces |



74.105.00X.9X

Mounting for Sanding Caps

Application

• For mounting sanding caps REF 74.105.001.XX and 74.105.002.XX

Properties

- Available in two sizes
- Available with two different thread sizes, M16 and 5/8"

| REF | Length/mm | Diameter/mm | Thread/Drill Hole | PU |
|---------------|-----------|-------------|-------------------|---------|
| 74.105.001.90 | 70 | 45 | M16 | 1 Piece |
| 74.105.001.91 | 70 | 45 | 5/8" | 1 Piece |
| 74.105.002.90 | 90 | 65 | M16 | 1 Piece |
| 74.105.002.91 | 90 | 65 | 5/8" | 1 Piece |



74.105.00X.04



74.105.00X.08

Sanding Caps

Application

• For different sanding purposes

Material

• Linen material coated with corundum

Properties

• Available with two different grit levels

| REF | Length/ mm | Diameter/ mm | Grit | For Mounting | PU |
|---------------|---------------|-----------------|------|---------------|----------|
| 74.105.001.04 | 70 | 45 | 40 | 74.105.001.XX | 6 Pieces |
| 74.105.001.08 | 70 | 45 | 80 | 74.105.001.XX | 6 Pieces |
| 74.105.002.04 | 90 | 65 | 40 | 74.105.002.XX | 6 Pieces |
| 74.105.002.08 | 90 | 65 | 80 | 74.105.002.XX | 6 Pieces |



74.104.011.9X

Tool Mounting

Application

• For mounting various bases for sanding caps and fleece sanding drums

- Connection thread to cap mounting M6
- Connection thread to socket router M16 or $5/8^{\prime\prime}$

| REF | Connection Thread to Socket Router | Connection Thread to Cap Mounting | PU |
|---------------|---------------------------------------|-----------------------------------|---------|
| 74.104.011.90 | M 16 | M6 | 1 Piece |
| 74.104.011.91 | 5/8" | M6 | 1 Piece |



Mounting for Sanding Caps

Application

• For mounting Sanding Caps REF 74.104.00X.XX

Properties

• With socket with M6 thread, for combination with tool mounting REF 74.104.011.090, thread M16, or REF 74.104.011.91, thread 5/8"

| REF | Length/mm | Diameter/mm | Thread | PU |
|---------------|-----------|-------------|--------|---------|
| 74.104.001.00 | 25 | 11 | M6 | 1 Piece |
| 74.104.002.00 | 32 | 16 | M6 | 1 Piece |
| 74.104.003.00 | 40 | 21 | M6 | 1 Piece |



74.104.00X.XX



Material

Application

Properties

• Available with two grit levels

Sanding Caps

• For various sanding purposes

• Linen material coated with corundum



| REF | Length/ mm | Diameter/mm | Grit | For Mounting | PU |
|---------------|---------------|-------------|------|---------------|-----------|
| 74.104.001.06 | 25 | 11 | 60 | 74.104.001.00 | 10 Pieces |
| 74.104.001.15 | 25 | 11 | 150 | 74.104.001.00 | 10 Pieces |
| 74.104.002.06 | 32 | 16 | 60 | 74.104.002.00 | 10 Pieces |
| 74.104.002.15 | 32 | 16 | 150 | 74.104.002.00 | 10 Pieces |
| 74.104.003.06 | 40 | 21 | 60 | 74.104.003.00 | 10 Pieces |
| 74.104.003.15 | 40 | 21 | 150 | 74.104.003.00 | 10 Pieces |



74.104.00X.XX

Ceramic Sanding Caps

Application

- For the versatile application of sanding work in orthopaedic technology
- Also suitable for grinding work with carbon Material

Material

• Ceramic grain applied to linen material

Properties

- More durable than conventional abrasive sleeves
- · Less wear and tear
- Different shapes
- · Different grit sizes
- Different dimensions
- Self-sharpening due to sharp-edged, pointed grain
- Low grinding temperatures due to additional active ingredient coating

| REF | Length/mm | Diameter/mm | Grit | PU |
|---------------|-----------|-------------|------|-----------|
| 74.104.004.08 | 25 | 11 | 80 | 10 Pieces |
| 74.104.004.12 | 25 | 11 | 120 | 10 Pieces |
| 74.104.005.08 | 32 | 16 | 80 | 10 Pieces |
| 74.104.005.12 | 32 | 16 | 120 | 10 Pieces |
| 74.104.006.08 | 40 | 21 | 80 | 10 Pieces |
| 74.104.006.12 | 40 | 21 | 120 | 10 Pieces |



74.106.003.00

Mounting for sanding sleeves, conical shape

Application

 For holding abrasive sleeves REF 74.106.003.XX and ceramic abrasive sleeves REF 74.106.007.0X

Properties

• With threaded shank M6 in conjunction with the tool holder REF 74.104.011.90 M16 thread or REF 74.104.011.91 5/8" thread

| REF | Length/mm | Diameter/mm | Thread | PU |
|---------------|-----------|-------------|--------|---------|
| 74.106.003.00 | 60 | 22/36 | M6 | 1 Piece |



74.106.003.XX

Sanding Sleeves, conical shape

Application

• For a multitude of sanding purposes

Material

• Linen material coated with corundum

Properties

- Durable
- Different shapes
- · Different grits
- Different dimensions

Conical Shape

| REF | Length/mm | Diameter Bottom/ Top/mm | Grit | PU |
|---------------|-----------|----------------------------|------|-----------|
| 74.106.003.05 | 60 | 36/22 | 50 | 10 Pieces |
| 74.106.003.08 | 60 | 36/22 | 80 | 10 Pieces |
| 74.106.003.15 | 60 | 36/22 | 150 | 10 Pieces |



74.106.007.0X

Ceramic Sanding Sleeves, conical shape

Application

- For versatile sanding purposes
- Also suitable for sanding carbon materials

Material

• Cermic grit applied to linen material

- More durable than conventional sanding sleeves
- Less wear
- Various grit sizes
- Self-sharpening thanks to sharp-edged, pointy grit
- Low sanding temperatures due to additional active coating

| REF | Length/mm | Diameter/mm | Grit | PU |
|---------------|-----------|-------------|------|-----------|
| 74.106.007.06 | 60 | 36/22 | 60 | 10 Pieces |
| 74.106.007.08 | 60 | 36/22 | 80 | 10 Pieces |



◆ Fan Fleece Sanding Drum

Application

• For fine sanding and polishing

Properties

- With socket with M6 thread, for combination with tool mounting REF 74.104.011.090, thread M16, or REF 74.104.011.91, thread 5/8"
- With integrated abrasive sheets

| REF | Length/mm | Diameter/mm | Thread | Grit | PU |
|---------------|-----------|-------------|--------|------|---------|
| 74.104.010.00 | 50 | 60 | M6 | 180 | 1 Piece |



◆ Lamella Fleece Sanding Drum

Application

• For polishing

Properties

• With socket with M6 thread, for combination with tool mounting REF 74.104.011.090, thread M16, or REF 74.104.011.91, thread 5/8"

| REF | Length/mm | Diameter/mm | Thread | Grit | PU |
|---------------|-----------|-------------|--------|------|---------|
| 74.104.011.00 | 50 | 60 | M6 | 180 | 1 Piece |



◆ Lamella Fleece Sanding Drum

Application

• For sanding metals and plastics

- Diameter of 80 mm and 100 mm: 5/8" thread
- Diameter of 200 mm: 16 mm drill hole for receiving tool mountings with a M16 or 5/8" thread

| REF | Height/ mm | Diameter/mm | Thread/Drill Hole | Grit | PU |
|---------------|---------------|-------------|----------------------|------|---------|
| 74.104.012.01 | 50 | 80 | 5/8" | 180 | 1 Piece |
| 74.104.012.02 | 50 | 100 | 5/8" | 180 | 1 Piece |
| 74.104.012.03 | 50 | 200 | 16 mm | 180 | 1 Piece |





60.300.000.01



◆ Scaleo®

Application

- Versatile measuring tool kit for taking patients' measurements
- Especially suitable for taking transfemoral and transtibial measurements as well as torso measurements

Material

- Polyacrylic, biocompatibility assessed according to DIN EN ISO 10993-1
- Stainless steel
- Aluminum

Properties

- Replaceable attachments
- Length measurements from 0 mm to 460 mm
- Attachments for determining the ramus angle between 0° und 45°
- Attachments for determining the limb length from the ischial tuberosity
- Can be used indipendently from the circumference, and on both sides
- Anatomical shape
- Packaged in a compact case
- Available in two case sizes

| REF | Product | Weight/kg |
|---------------|---|-----------|
| 60.300.000.01 | Scaleo Measuring Tool in Case 600x400x140mm | 9.8 |
| 60.300.000.02 | Scaleo Measuring Tool in Case 500x400x80mm | 5.0 |

Scope of Delivery

| Fig. | REF | Product |
|--------------|---------------|--|
| 1 | 60.300.001.00 | Scaleo Universal Scale w/ Slide |
| 2a 2b | 60.300.002.00 | Scaleo Measuring Arm Kit Measuring Depth 300mm |
| 3a 3b | 60.300.003.00 | Scaleo Measuring Arm Kit Measuring Depth 175mm |
| 4 | 60.300.004.00 | Scaleo Attachment Ramus Angle 0-45° |
| 5 | 60.300.005.00 | Scaleo Attachment Limb Length |
| 6 | 60.300.006.00 | Scaleo Clinometer w/WJT Logo |
| 7 | 60.300.009.00 | Air Level |
| Not Pictured | 60.300.007.00 | Scaleo Case 600x400x100+40mm |
| Not Pictured | 60.300.008.00 | Scaleo Case 500x400x60+20mm |
| Not Pictured | 90.302.000.00 | Measuring Tape w/ WJT Logo 1.5m |
| Not Pictured | 90.302.000.10 | Folding Rule w/ WJT Logo 1m |
| Not Pictured | 90.302.000.11 | Goniometer w/ WJT Logo |
| Not Pictured | 90.302.001.01 | Schneider Ballpoint Pen w/ WJT Logo |
| Not Pictured | 90.302.028.00 | USB Stick w/ WJT Logo |
| Not Pictured | 60.412.062.00 | Single-Use Glove Nitrile L PU: 100pcs |
| Not Pictured | 90.302.010.00 | Multigraf Pencil w/ WJT Logo |
| Not Pictured | 90.302.030.00 | Writing Case w/ WJT Logo (only in large case) |



60.301.010.XX

◆ Vacuum Tube with Vise Mount

Application

- For mounting models
- For working with and under vacuum

Material

- Aluminum
- Stainless steel

Properties

• With the vise-mount, the vacuum tube can be mounted easily and without causing any damage

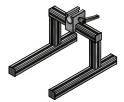
| REF | Product |
|---------------|---------------------------|
| 60.301.010.01 | Vacuum Tube w/ Vise Mount |



Explosion drawing of Vacuum Tube and Vise Mount

Scope of Delivery

| REF | Product |
|---------------|--------------------------|
| 60.301.010.02 | Vacuum Tube |
| 60.301.010.03 | Vise Mount f.Vacuum Tube |



Square Oven Mount and Frame

Accessories

| REF | Product |
|---------------|-----------------------------------|
| 60.301.010.04 | Frame f.Square Oven Mount |
| 60.301.010.05 | Square Oven Mount |
| 60.002.255.00 | Thread Pin f.Milling Models 255mm |

Spare Parts

| REF | Product |
|---------------|---|
| 60.301.010.06 | Clamp Lever f.Vise Mount |
| 60.301.010.20 | O-Ring 40x5mm PU: 10pcs |
| 70.742.016.02 | Set Screw Hex.Socket ISO4026 M10x16 A2 PU: 3pcs |



60.001.00X.00

◆ Vacuum Forming Frame

Vacuum forming frame with robust clamp screws and a wide bearing surface to securely hold the material in place.

Application

• For vacuum forming different sheet materials

Material

• Stainless steel

Properties

- Incl. 4 stainless steel quick-release nuts
- Incl. 4 stainless steel knurled nuts
- Square shape so you can use the sheet material to full capacity
- Available in two different sizes

| REF | Sheet Size/mm | Recommended Maximum Material Thickness/mm |
|---------------|---------------|--|
| 60.001.004.00 | 400 x 400 | 20 |
| 60.001.005.00 | 500 x 500 | 20 |



60.001.009.00

Mounting System for Frames, Universal

Application

• For mounting vacuum forming frames

Material

Galvanized steel

- Universally adjustable
- Matches both sizes of vacuum forming frames, REF 60.001.004.00 and REF 60.001.005.00
- Frames are placed on top of the mounting system for assembly
- Suitable for all common oven types

| REF | L x W x H/mm | Adjusting Range Width/mm |
|---------------|---------------------|--------------------------|
| 60.001.009.00 | 400 x 300-550 x 250 | 300-550 |



60.113.000.01

◆ Tube Clamp / Model Holder

Application

• The tube clamp makes it possible to position and fasten models for further processing

Material

• Stainless steel

Properties

- With bearing pins which make it possible to easily swivel the model up or down on the lightly opened vise
- With clamping lever for one-handed operation

| REF | Length/mm | Tube Diameter Max./mm | PU |
|---------------|-----------|-----------------------|---------|
| 60.113.000.01 | 130 | 25 | 1 Piece |

Surform Rasp File

Application

• For working on plaster, plastics and wood



• Blade Holder for Flat and Half Round Rasp File Blades

| REF | Blade Length/mm | PU |
|---------------|-----------------|---------|
| 60.107.000.00 | 250 | 1 Piece |



• Surform Rasp File Blade Flat and Half Round

| REF | Blade Length/ mm | Shape | for Blade Holder | PU |
|---------------|---------------------|------------|------------------|---------|
| 60.108.001.00 | 250 | Flat | 60.107.000.00 | 1 Piece |
| 60.108.004.00 | 250 | Half Round | 60.107.000.00 | 1 Piece |



• Blade Holder for Round Rasp File Blade

| REF | Blade Length/mm | PU |
|---------------|-----------------|---------|
| 60.109.000.00 | 250 | 1 Piece |



• Surform Rasp File Blade Round

| REF | Blade Length/ mm | Shape | for Blade Holder | PU |
|---------------|---------------------|-------|------------------|---------|
| 60.229.000.00 | 250 | Round | 60.109.000.00 | 1 Piece |



Plaster Spatulas

Application

• For applying smaller amounts of plaster

| REF | Width/mm | Length/mm | PU |
|---------------|----------|-----------|---------|
| 60.111.001.10 | 10 | 200 | 1 Piece |
| 60.111.001.20 | 20 | 200 | 1 Piece |
| 60.111.001.30 | 30 | 200 | 1 Piece |



Modeling Tool Set

Application

• For shaping small radii and other geometries

Properties

- 10-part set
- Different shapes
- Length of handles: 150 mm

| REF | Length/mm | PU |
|---------------|-----------|---------|
| 60.111.001.00 | 150 | 1 Piece |



60.112.012.50/60.112.022.50

Drawknife

Application

• For large scale material removal while working with plaster

- Straight and curved version available
- Wooden handle

| REF | Width/mm | Blade Shape | PU |
|---------------|----------|-------------|---------|
| 60.112.012.50 | 250 | Straight | 1 Piece |
| 60.112.022.50 | 250 | Curved | 1 Piece |





Application

• For the surface treatment of plaster models

Material

• Silicium-based sanding medium

Properties

- Even material abrasion
- Adapts well to curved surfaces
- Creates an extremely smooth surface

| REF | Length x Width/mm | Grit | PU |
|---------------|-------------------|------|-----------|
| 75.001.001.06 | 125×115 | 60 | 10 Pieces |
| 75.001.001.10 | 125 x 115 | 100 | 10 Pieces |



60.144.XXX.00/60.281.XXX.00

Bending Iron

Application

• For bending metal

Material

• Chrome-vanadium steel, galvanized

Properties

• Square or round mouth opening available

| REF | Length/mm | Mouth Opening/mm | Mouth Shape | PU |
|---------------|-----------|------------------|--------------------|---------|
| 60.144.406.00 | 250 | 4+6 | Square | 1 Piece |
| 60.144.608.00 | 250 | 6+8 | Square | 1 Piece |
| 60.144.709.00 | 250 | 7 + 9 | Square | 1 Piece |
| 60.281.406.00 | 265 | 4 + 6 | Round | 1 Piece |
| 60.281.608.00 | 265 | 6+8 | Round | 1 Piece |
| 60.281.709.00 | 265 | 7 + 9 | Round | 1 Piece |



60.397.001.00

Multi-Purpose Scissors

Application

• For cutting thin plastic materials, leather and straps

Properties

- Finely serrated
- Suited for left and right hand cutting
- Blades made of rust-proof steel for a long service life
- · With plastic handles
- Pleasant to work with, scissors open automatically during cutting
- With locking lever

| REF | Length/mm | Cut Length/mm | PU |
|---------------|-----------|---------------|---------|
| 60.397.001.00 | 190 | 42 | 1 Piece |



WW.700-TL002

Rotary Cutter for Gel Liners

Application

• For evenly and accurately cutting gel liners

Properties

· Rotary cutter

| REF | Product | PU |
|--------------|------------------------------|---------|
| WW.700-TL002 | Rotary Cutter f.Alpha Liners | 1 Piece |



22.050.130.01

Pyramid Protection

Application

• Protects pyramids during alignment

Material

• Stainless steel

- Easily snaps onto the pyramid
- Suited for all pyramids with a weight limit of up to 166 kg
- Only approved for use during fittings

| REF | Product | PU |
|---------------|-------------------------------|---------|
| 22.050.130.01 | Fitting Pyramid Protection SS | 1 Piece |



◆ Tube Cutter

Application

• For shortening e.g. aluminum tubes with a diameter of 3 – 35 mm with a clean cut

Material

• Diecast zinc

Properties

- With a cutting wheel and two guide rolls
- Body, slide and knob made from diecast zinc
- Spindel with steel bearing

| REF | For Tube Diameters/mm | PU |
|---------------|-----------------------|---------|
| 60.500.676.00 | 3-35 | 1 Piece |



60.501.676.00

◆ Spare Blade for Tube Cutter

| REF | Diameter/mm | PU |
|---------------|-------------|---------|
| 60.501.676.00 | 19 | 1 Piece |



60.422.000.00

Deburring Tool

Application

• For deburring metal tubes

Properties

- Robust design
- High-quality deburring blade
- For tube diameters 20 34 mm

| REF | Product | PU |
|---------------|------------------------------------|---------|
| 60.422.000.00 | Deburring Tool f.Tubes Ø20/30/34mm | 1 Piece |



Deburring Tool for Plastics

Application

• For effortless deburring of radii on plastic materials and different metals

- Adjustable
- Included in delivery are 3 different deburring blades
- Diameter of blade seating: 3.2 mm

| REF | Product | PU |
|---------------|---------------------------|---------|
| 60.278.000.00 | Deburring Tool f.Plastics | 1 Piece |



◆ Spare Blades for Deburring Tool

Properties

- HSS-quality
- Scope of delivery: 3 different deburring blades
- Shank diameter: 3.2 mm

| REF | Product | PU |
|---------------|--|----------|
| 60.285.000.00 | Spare Blades f.Deburring Tool 3 Types | 3 Pieces |



Measuring Tape

Properties

- Measuring range: 1500 mm
- Retracts automatically

| REF | Product | PU |
|---------------|---------------------------------|---------|
| 90.302.000.00 | Measuring Tape w/ WJT Logo 1.5m | 1 Piece |



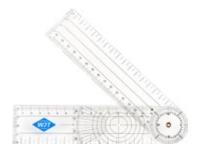
90.302.000.10

Folding Rule

Properties

• Measuring range: 1000 mm

| REF | Product | PU |
|---------------|-----------------------------|---------|
| 90.302.000.10 | Folding Rule w/ W/T Logo 1m | 1 Piece |



90.302.000.11

Goniometer

- Measuring range: 0 360 °
- Made from plastic

| REF | Product | Width/mm | PU |
|---------------|------------------------|----------|---------|
| 90.302.000.11 | Goniometer w/ WJT Logo | 45 | 1 Piece |



Respirator Mask

Application

• Protects from organic gases, vapors and fine dust

Properties

- High quality protective mask
- Dual filter system

| REF | Product | PU |
|---------------|-----------------|---------|
| 60.412.010.00 | Respirator Mask | 1 Piece |



◆ Filters for Respirator Mask

Properties

- Filter safety class A2
- Protects from organic gases, vapors and fine dust

| REF | Product | PU |
|---------------|-----------------------------------|----------|
| 60.412.011.00 | Filter f.Respirator Mask PU: 2pcs | 2 Pieces |



60.412.020.00

Goggles

Properties

- Rotatable temple ends
- Adjustable temples
- Glasses made from polycarbon
- With DX-coating to prevent fogging and chemical reactions.

| REF | Product | PU |
|---------------|-------------------------------|---------|
| 60.412.020.00 | Goggles w/ Adjustable Temples | 1 Piece |



Cotton Gloves

Material

• 100 % cotton

- Five-finger heat protection glove
- Short and long version available
- Long version also protects lower arms

| REF | Product | PU |
|---------------|-------------------------------|--------|
| 60.411.000.01 | Cotton Gloves Short 27cm L/XL | 1 Pair |
| 60.411.000.00 | Cotton Gloves Long 35cm L/XL | 1 Pair |
| 60.411.035.00 | Cotton Gloves Short 27cm S/M | 1 Pair |



60.412.012.00

Workshop Apron

Properties

- Robust design
- Functional pocket partition for tools and small parts

| REF | Product | PU |
|---------------|------------------------|---------|
| 60.412.012.00 | Workshop Apron Textile | 1 Piece |

Polo Shirt

• Polo Shirt for Women

High-quality polo shirt, 100 % cotton (220 g/m²). Color: Blue.



90.302.100.XX

| Women | | | |
|---------------|----------------------------------|------|---------|
| REF | Product | Size | PU |
| 90.302.100.01 | Polo Shirt w/ WJT-Logo Women XS | XS | 1 Piece |
| 90.302.100.02 | Polo Shirt w/ WJT-Logo Women S | S | 1 Piece |
| 90.302.100.03 | Polo Shirt w/ WJT-Logo Women M | М | 1 Piece |
| 90.302.100.04 | Polo Shirt w/ WJT-Logo Women L | L | 1 Piece |
| 90.302.100.05 | Polo Shirt w/ WJT-Logo Women XL | XL | 1 Piece |
| 90.302.100.06 | Polo Shirt w/ WJT-Logo Women 2XL | 2XL | 1 Piece |
| 90.302.100.07 | Polo Shirt w/ WJT-Logo Women 3XL | 3XL | 1 Piece |

• Polo Shirt for Men

High-quality polo shirt, 100 % cotton (220 g/m²). Color: Blue.



90.302.100.XX

| Men | | | | |
|---------------|--------------------------------|------|---------|--|
| REF | Product | Size | PU | |
| 90.302.100.11 | Polo Shirt w/ WJT Logo Men XS | XS | 1 Piece | |
| 90.302.100.12 | Polo Shirt w/ WJT Logo Men S | S | 1 Piece | |
| 90.302.100.13 | Polo Shirt w/ WJT Logo Men M | М | 1 Piece | |
| 90.302.100.14 | Polo Shirt w/ WJT Logo Men L | L | 1 Piece | |
| 90.302.100.15 | Polo Shirt w/ WJT Logo Men XL | XL | 1 Piece | |
| 90.302.100.16 | Polo Shirt w/ WJT Logo Men 2XL | 2XL | 1 Piece | |
| 90.302.100.17 | Polo Shirt w/ WJT Logo Men 3XL | 3XL | 1 Piece | |
| 90.302.100.18 | Polo Shirt w/ WJT Logo Men 4XL | 4XL | 1 Piece | |
| 90.302.100.19 | Polo Shirt w/ WJT Logo Men 5XL | 5XL | 1 Piece | |



60.169.00X.00



Application

• For writing on smooth surfaces like e.g. Ortholen, Subortholen and Orthotherm

| REF | Product | PU |
|---------------|--------------|---------|
| 60.169.000.00 | Pencil Black | 1 Piece |
| 60.169.001.00 | Pencil Red | 1 Piece |
| 60.169.002.00 | Pencil White | 1 Piece |



60.170.00X.00

Pencil Leads

| REF | Product | PU |
|---------------|-----------------------------|-----------|
| 60.170.000.00 | Pencil Lead Black PU: 12pcs | 12 Pieces |
| 60.170.001.00 | Pencil Lead Red PU: 12pcs | 12 Pieces |
| 60.170.002.00 | Pencil Lead White PU: 12pcs | 12 Pieces |



Multigraf Pencil

Application

• For writing on glass, plastic materials, leather and wood

| REF | Product | PU |
|---------------|------------------------------|---------|
| 90.302.010.00 | Multigraf Pencil w/ WJT Logo | 1 Piece |



90.302.001.10

Ballpoint Pen

Properties

- With large-capacity cartridge for good writing properties
- Push-button mechanism retracts the cartridge

| REF | Product | PU |
|---------------|---------------------------|---------|
| 90.302.001.10 | Ballpoint Pen w/ WJT Logo | 1 Piece |



Properties

• With protective lid

| REF | Product | PU |
|---------------|-------------------------------------|---------|
| 90.302.001.01 | Schneider Ballpoint Pen w/ WJT Logo | 1 Piece |









22.240.000.1X

Nylon Cosmetic Stockings

• Nylon Cosmetic Stocking, BK

Application

• For wearing over the cosmetic cover of BK prostheses

Material

• 100 % nylon

Properties

- For BK prostheses
- With knit-on, elastic cuff

| REF | Size | Leg Length/ cm | Foot Length/ cm | Cuff Circumfe- rence/cm | Foot Size/ cm | Color | PU |
|---------------|------|----------------------|-----------------------|-------------------------------|---------------------|-------|--------|
| 22.240.000.11 | 1 | 36 | 20 | 25 | up to 26 | Beige | 1 Pair |
| 22.240.000.12 | 2 | 41 | 21 | 25 | 25 and up | Beige | 1 Pair |
| 22.240.000.13 | 3 | 46 | 21 | 27 | 25 and up | Beige | 1 Pair |



22.240.000.2X

• Nylon Cosmetic Stocking, AK

Application

• For wearing over the cosmetic cover of knee disarticulation, AK, and hip exarticulation prostheses

Material

• 100 % nylon

- For knee disarticulation, AK and hip exarticulation prostheses
- With a silicone-covered, sewn-on, non-slip cuff

| REF | Size | Leg Length/ cm | Foot Length/ cm | Cuff Circumfe- rence/cm | Foot Size/ cm | Color | PU |
|---------------|------|----------------------|-----------------------|-------------------------------|---------------------|-------|--------|
| 22.240.000.20 | 0 | 59 | 20 | 36 | up to 26 | Beige | 1 Pair |
| 22.240.000.21 | 1 | 62 | 20 | 36 | up to 26 | Beige | 1 Pair |
| 22.240.000.22 | 2 | 66 | 21 | 38 | 25 and up | Beige | 1 Pair |
| 22.240.000.23 | 3 | 72 | 21 | 40 | 25 and up | Beige | 1 Pair |
| 22.240.000.24 | 4 | 84 | 22 | 40 | 27 and up | Beige | 1 Pair |



22.240.000.3X

• Nylon Cosmetic Stocking, Pediatric

Application

• For wearing over the cosmetic cover of pediatric knee disarticulation, AK, and hip exarticulation prostheses

Material

• 100 % nylon

Properties

- For knee disarticulation, AK and hip exarticulation prostheses
- With knit-on, elastic cuff

| REF | Size | | Foot Length/cm | Foot Size/ cm | Color | PU |
|---------------|------|----|-------------------|------------------|-------|---------|
| 22.240.000.31 | 1 | 34 | 10 | up to 14 | Beige | 1 Piece |
| 22.240.000.32 | 2 | 37 | 11 | 18 and up | Beige | 1 Piece |
| 22.240.000.33 | 3 | 44 | 12 | 20 and up | Beige | 1 Piece |



22.240.000.2X

◆ Nylon Connection Piece

Application

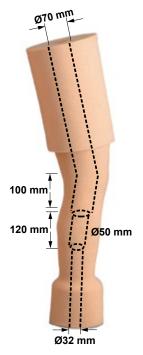
• For attaching the foam cover to the socket

Material

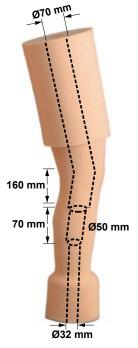
• 100 % nylon

- For knee disarticulation, AK and hip exarticulation prostheses
- With a silicone-covered, sewn-on non-slip cuff

| REF | Size | Length/cm | Cuff Circumfe- rence/cm | Color | PU |
|---------------|------|-----------|----------------------------|-------|---------|
| 22.240.000.27 | 1 | 22 | 34 | Beige | 1 Piece |
| 22.240.000.28 | 2 | 22 | 35 | Beige | 1 Piece |
| 22.240.000.29 | 3 | 22 | 36 | Beige | 1 Piece |



21.989.001.00



21.989.002.00

Cosmetic Foam Cover, AK, Pre-Milled

Material

• PUR (polyurethane foam)

Properties

- Universally applicable (for left or right side)
- Anatomically pre-shaped
- Two-tier central drill hole
- Matching knee joints
 - KA.L30
 - KA.LD31
 - KA.LD31s
 - KA.SL2
 - KA.PS21
 - KA.S20
 - 21.104.000.01
 - 21.106.000.00
 - 21.692.000.00

| REF | Calf Circumfe- rence/mm | Knee Height/mm | Flexion | Side | PU |
|---------------|----------------------------|-------------------|---------|--------------|---------|
| 21.989.001.00 | 430 | 520 | 30° | Left / Right | 1 Piece |

Cosmetic Foam Cover, AK, Pre-Milled

Material

• PUR (polyurethane foam)

- Universally applicable (for left or right side)
- Anatomically pre-shaped
- Two-tier central drill hole
- Matching knee joints
 - KA.P41
 - KA.R1
 - KA.P44c
 - 21.105.000.00

| REF | Calf Circumfe- rence/mm | Knee Height/mm | Flexion | Side | PU |
|---------------|----------------------------|-------------------|---------|--------------|---------|
| 21.989.002.00 | 430 | 520 | 30° | Left / Right | 1 Piece |



21.989.003.00



21.822.052.00

Cosmetic Foam Cover, AK, Pre-Milled

Material

• PUR (polyurethane foam)

Properties

- Universally applicable (for left or right side)
- Anatomically pre-shaped
- One-tier central drill hole
- Matching knee joints
 - 0E.2SR500

| REF | Calf Circumfe- rence/mm | Knee Height/mm | Flexion | Side | PU |
|---------------|----------------------------|-------------------|---------|--------------|---------|
| 21.989.003.00 | 430 | 520 | 30° | Left / Right | 1 Piece |

Cosmetic Foam Cover, AK, Pre-Milled

Material

• PUR (polyurethane foam)

- Universally applicable (for left or right side)
- Anatomically pre-shaped
- One-tier central drill hole

| REF | Calf Circumfe- rence/mm | Knee Height/mm | Flexion | Side | PU |
|---------------|----------------------------|-------------------|---------|--------------|---------|
| 21.822.052.00 | 430 | 520 | 30° | Left / Right | 1 Piece |



Cosmetic Foam Cover, BK, PE, Block

Application

• Cosmetic foam cover for modular and BK prostheses

Material

• Polyethylene (PE)

Properties

- Suited for use on the left and the right side
- Thermoformable at approx. 100 130 °C
- · Easy to sand
- Easy to glue

| REF | Height/ mm | Width/ mm | Depth/ mm | Ø Drill Hole/mm | PU |
|---------------|---------------|--------------|--------------|--------------------|---------|
| 21.816.001.00 | 480 | 160 | 160 | 30 | 1 Piece |



21.817.000.00

Cosmetic Foam Cover, BK, Conical

Material

• PUR (polyurethan foam)

Properties

- Suited for use on the left and the right side
- Conical, not pre-shaped
- Continuous drill hole: Ø30 mm

| REF | Height/ mm | Ø Top/ mm | Ø Bot- tom/mm | Ø Drill Hole/mm | Side | PU |
|---------------|---------------|--------------|------------------|--------------------|-----------------|---------|
| 21.817.000.00 | 500 | 190 | 160 | 30 | Left / Right | 1 Piece |



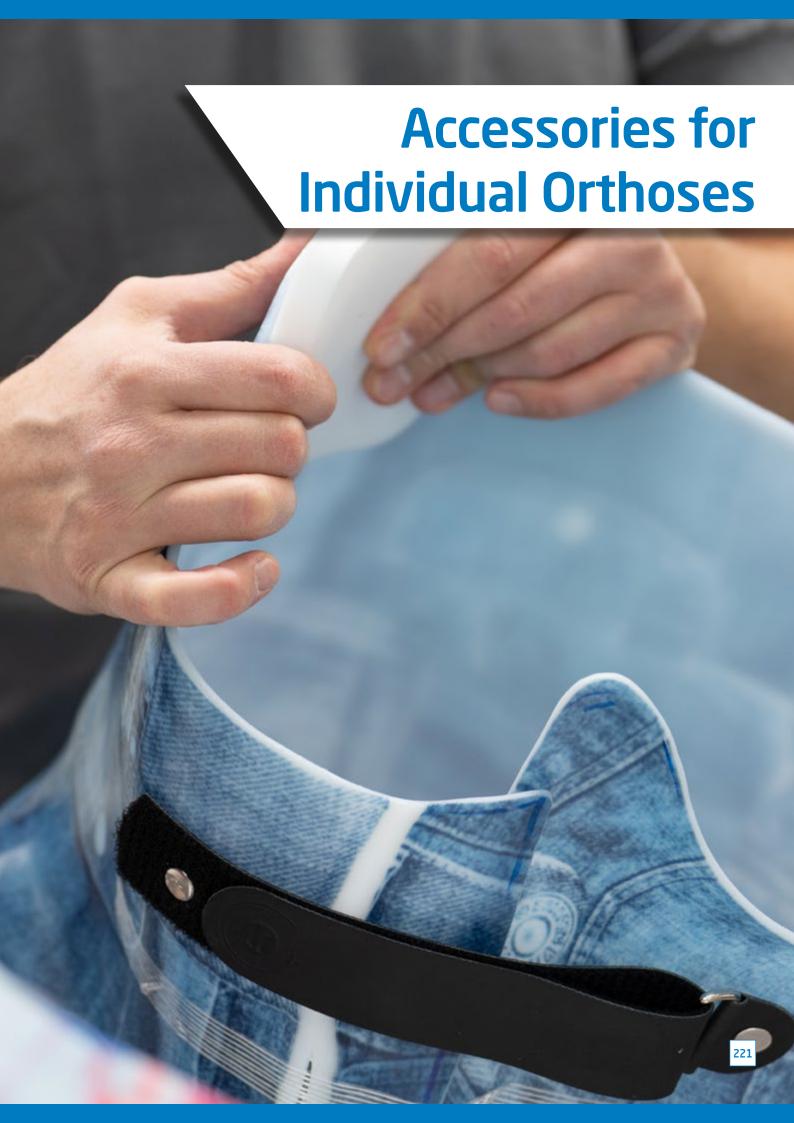
Material

• PUR (polyurethan foam)

- Suited for use on the left and the right side
- Conical, not pre-shaped
- Continuous drill-hole: Ø32 mm
- Harder (approx. 10 %) and lighter quality than REF 21.817.000.00

| REF | Height/ mm | Ø Top/ mm | Ø Bot- tom/mm | Ø Drill Hole/mm | Side | PU |
|--------------------|---------------|--------------|------------------|--------------------|-----------------|---------|
| WW.700-BKX-032C-VP | 480 | 180 | 150 | 32 | Left / Right | 1 Piece |







Corset Hook-and-Loop Fasteners

Application

• Pre-manufactured hook-and-loop for scoliosis corsets

Material

PVC

Properties

- Can be reclosed many times
- Individually andjustable
- Especially strong strap loop
- Flexible
- Dimensionally stable

| REF | Product |
|---------------|--|
| 21.707.001.01 | Corset Hook&Loop Fastener Black 400x40mm PU: 10pcs |
| 21.707.001.02 | Corset Hook&Loop Fastener White 400x40mm PU: 10pcs |
| 21.707.001.51 | Strap Loop f.Corset H.&L.Fast.Black 40mm PU: 10pcs |
| 21.707.001.52 | Strap Loop f.Corset H.&L.Fast.White 40mm PU: 10pcs |



Corset Panels

Application

• Pre-cut panels for the manufacture of scoliosis corsets

Material

- Plastazote
- Polyethylene foam (PE), closed cell

- Available in 5 different shapes
- Color: White
- Thickness: 15 mm

| REF | Product |
|---------------|---|
| 21.707.002.01 | Corset Panel Thoracic 125x140mm PU: 10pcs |
| 21.707.002.02 | Corset Panel Armpit 132x106mm PU: 10pcs |
| 21.707.002.03 | Corset Panel Lumbar 165x112mm PU: 10pcs |
| 21.707.002.04 | Corset Panel Diamond 170x142mm PU: 10pcs |
| 21.707.002.05 | Corset Panel Kyphosis 114x128mm PU: 10pcs |

Flap Iliac Crest Small Flap Spina

Flap Iliac Crest Large

Corset Flaps

Application

• Pre-cut flaps fort he manufacture of scoliosis corsets

Material

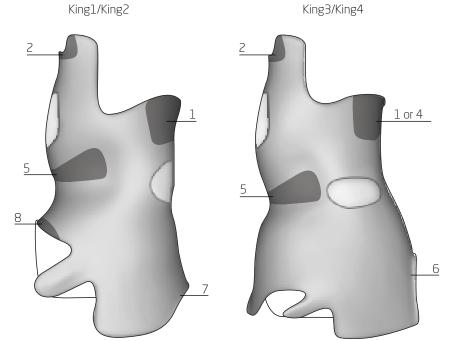
- Eurolast Trolen,
- Polyethylene (LD-PE)

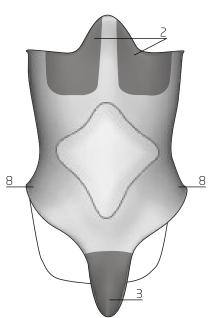
Properties

- Available in three different shapes
- Color: Transparent
- Thickness: 1 mm

| REF | Product |
|---------------|--|
| 21.707.003.01 | Corset Flap Iliac Crest Small 227x61mm PU: 10pcs |
| 21.707.003.02 | Corset Flap Spina 193x75mm PU: 10pcs |
| 21.707.003.03 | Corset Flap Iliac Crest Large 232x59mm PU: 10pcs |

Example of use:





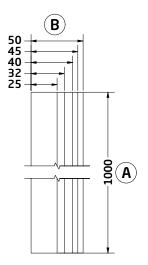
Kyphose

Legend:

- 1. Panel Thoracic
- 2. Panel Armpit
- 3. Panel Kyphosis

- 4. Panel Diamond
- 5. Panel Lumbar
- 6. Flap Iliac Crest Small

- 7. Flap Spina
- 8. Flap Iliac Crest Large





◆ Pre-Cut Prepreg "Strips", Made From Unidirectional Carbon Fiber Prepreg

Application

- The pre-cut strips are available in various widths, will help save time in the workshop and also keep the interruption of the cold chain at a minimum
- For the manufacture of very strong and thin prepreg orthoses
- Base material for the manufacture of e.g. frame constructions for orthoses and prostheses
- Facilitates the energy transmission of axial and circular forces

Material

• Carbon fiber pre-impregnated with epoxy resin

Properties

- Pre-cut strips, length: 1000 mm
- Selection of widths: 25, 32, 40, 45 or 50 mm
- Cutting direction follows the direction of the carbon fibers
- Unidirectional composite
- Areal weight: 410 g/m²
- High tensile strength, very pressure resistant
- Easy to drape
- Resin content approx. 42 %

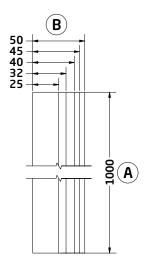
Storage

- Storage life: 12 months at -18 °C
- Storage life: 21 days at 21°C max.

Processing Recommendation

- Curing time at 100 °C approx. $5-8\,h$, depending on model

| REF | Length/mm Measurement A | Width/mm Measurement B | PU |
|---------------|----------------------------|---------------------------|-----------|
| 72.000.860.25 | 1000 | 25 | 20 Pieces |
| 72.000.860.32 | 1000 | 32 | 20 Pieces |
| 72.000.860.40 | 1000 | 40 | 20 Pieces |
| 72.000.860.45 | 1000 | 45 | 20 Pieces |
| 72.000.860.50 | 1000 | 50 | 20 Pieces |





◆ Pre-Cut Prepreg "Strips", Made From Bidirectional Carbon Fiber Prepreg

Application

- The pre-cut strips are available in various widths, will help save time in the workshop and also keep the interruption of the cold chain at a minimum
- For the manufacture of very strong and thin prepreg orthoses
- Suited for use as a reinforcement layer to reduce torsional force

Material

• Carbon fiber, pre-impregnated with epoxy resin

Properties

- Pre-cut strips, length: 1000 mm
- Selection of widths: 25, 32, 40, 45 or 50 mm
- Cutting direction: at a 45° angle to the direction of the carbon fibers
- 4:4 bidirectional twill weave
- Areal weight: 280 g/m²
- High tensile strength, very pressure resistant
- Resin content: approx. 42 %
- Suitable for surfaces

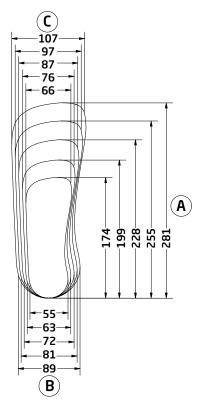
Storage

- Storage life: 12 months at -18 °C
- Storage life: 21 days at 21 °C max.

Processing Recommendation

• Curing time at 100 °C approx. 5 – 8 h, depending on model

| REF | Length/mm Measurement A | Width/mm Measurement B | PU |
|---------------|----------------------------|---------------------------|-----------|
| 72.000.854.25 | 1000 | 25 | 10 Pieces |
| 72.000.854.32 | 1000 | 32 | 10 Pieces |
| 72.000.854.40 | 1000 | 40 | 10 Pieces |
| 72.000.854.45 | 1000 | 45 | 10 Pieces |
| 72.000.854.50 | 1000 | 50 | 10 Pieces |





◆ Prepreg Pre-Cuts, Made From Bidirectional Carbon Fiber Prepreg

Application

- The pre-cuts are available in various sizes, will help save time in the workshop and also keep the interruption of the cold chain at a minimum
- For the manufacture of very strong and thin prepreg orthoses
- Suited for use as a reinforcement layer to reduce torsional force

Material

• Carbon fiber, pre-impregnated with epoxy resin

Properties

- Pre-cuts available in different shapes and sizes
- Size selection: sizes XS, S, M, L, XL
- Cutting direction: at a 45° angle to the direction of the carbon fibers
- 4:4 bidirectional twill weave
- Areal weight: 280 g/m²
- High tensile strength, very pressure resistant
- Resin content: approx. 42 %
- Suitable for surfaces

Storage

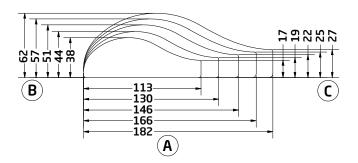
- Storage life: 12 months at -18 °C
- Storage life: 21 days at 21 °C max.

Processing Recommendation

• Curing time at 100 °C approx. 5 – 8 h, depending on model

Sole Shape

| REF | Size | Shoe Size EU | Measure- ment A/mm | Measure- ment B/mm | Measure- ment C/mm | PU |
|---------------|------|-----------------|--------------------------|--------------------------|--------------------------|-----------|
| 72.000.850.01 | XS | 25-28 | 174 | 55 | 66 | 10 Pieces |
| 72.000.850.02 | S | 29-32 | 199 | 63 | 76 | 10 Pieces |
| 72.000.850.03 | Μ | 33-36 | 228 | 72 | 87 | 10 Pieces |
| 72.000.850.04 | L | 37-40 | 255 | 81 | 97 | 10 Pieces |
| 72.000.850.05 | XL | 41-44 | 281 | 89 | 107 | 10 Pieces |

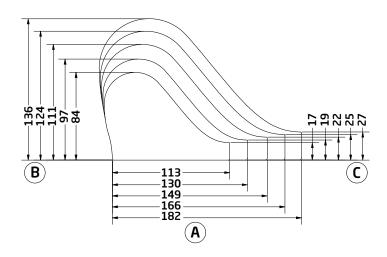




Lateral Upright, Short Version

| REF | Size | Measure- ment A/mm | Measure- ment B/mm | Measure- ment C/mm | PU |
|---------------|------|-----------------------|-----------------------|-----------------------|-----------|
| 72.000.851.01 | XS | 113 | 38 | 17 | 10 Pieces |
| 72.000.851.02 | S | 130 | 44 | 19 | 10 Pieces |
| 72.000.851.03 | Μ | 146 | 51 | 22 | 10 Pieces |
| 72.000.851.04 | L | 166 | 57 | 25 | 10 Pieces |
| 72.000.851.05 | XL | 182 | 62 | 27 | 10 Pieces |

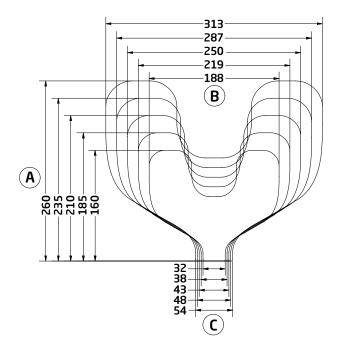
Please Note: To interrupt the cold chain as little as possible, prepreg materials are only shipped on Mondays, Tuesdays and Wednesdays. The product cannot be returned.





Lateral Upright, Long Version

| REF | Size | Measure- ment A/mm | Measure- ment B/mm | Measure- ment C/mm | PU |
|---------------|------|-----------------------|-----------------------|-----------------------|-----------|
| 72.000.852.01 | XS | 113 | 84 | 17 | 10 Pieces |
| 72.000.852.02 | S | 130 | 97 | 19 | 10 Pieces |
| 72.000.852.03 | Μ | 149 | 111 | 22 | 10 Pieces |
| 72.000.852.04 | L | 166 | 124 | 25 | 10 Pieces |
| 72.000.852.05 | XL | 182 | 136 | 27 | 10 Pieces |





Calf Strap

| REF | Size | Measure- ment A/mm | Measure- ment B/mm | Measure- ment C/mm | PU |
|---------------|------|-----------------------|-----------------------|-----------------------|-----------|
| 72.000.853.01 | XS | 160 | 188 | 32 | 10 Pieces |
| 72.000.853.02 | S | 185 | 219 | 38 | 10 Pieces |
| 72.000.853.03 | Μ | 210 | 250 | 43 | 10 Pieces |
| 72.000.853.04 | L | 235 | 287 | 48 | 10 Pieces |
| 72.000.853.05 | XL | 260 | 313 | 54 | 10 Pieces |



21.520.0XX.00



Example of use

Flex-Joint Assembly Set

Flex-Joints are characterized by their especially robust design. The cast-in, continuous stabilizing thread makes for unsurpassed continuous loading capacity without a creeping loss of restoring force.

Application

- Flex-Joints are lightweight, small and flexible joints which are designed for connecting with thermoplastic and duroplastic materials
- For all jointed connections

Material

• Polyurethane (PUR)

Properties

- Articulated or for supporting dorsal flexion
- No pre-assembly required
- Adult and pediatric sizes available
- No additional tools required
- With cast-in stabilizing thread

Assembly Set Consists of

- 1 pair of joints
- 4 lens head screws
- 4 brass inserts
- 4 adhesive padding inserts
- 1 pair of dummies incl. 4 fastening nails
- Installation guide

| REF | Version | Length/mm | Size | PU |
|---------------|------------|-----------|------|--------|
| 21.520.001.00 | Straight | 32 | S | 1 Pair |
| 21.520.002.00 | Straight | 38 | М | 1 Pair |
| 21.520.003.00 | Straight | 45 | L | 1 Pair |
| 21.520.011.00 | 75 Shore A | 32 | S | 1 Pair |
| 21.520.012.00 | 75 Shore A | 38 | М | 1 Pair |
| 21.520.013.00 | 75 Shore A | 45 | L | 1 Pair |
| 21.520.021.00 | 85 Shore A | 32 | S | 1 Pair |
| 21.520.022.00 | 85 Shore A | 38 | М | 1 Pair |
| 21.520.023.00 | 85 Shore A | 45 | L | 1 Pair |
| 21.520.031.00 | 95 Shore A | 32 | S | 1 Pair |
| 21.520.032.00 | 95 Shore A | 38 | М | 1 Pair |
| 21.520.033.00 | 95 Shore A | 45 | L | 1 Pair |



21.520.04X.00

• Flex-Joint Dummy

Application

• Dummy for thermoforming or laminating an orthosis

Material

• Polyurethane (PUR)

Set Consists of

• 1 pair of dummies incl. 4 fastening nails

| REF | Length/mm | Size | PU |
|---------------|-----------|------|--------|
| 21.520.041.00 | 32 | S | 1 Pair |
| 21.520.042.00 | 38 | М | 1 Pair |
| 21.520.043.00 | 45 | L | 1 Pair |



21.520.01X.00

• Thread Inserts and Screws for Flex-Joints

Set Consists of

- 10 pcs. thread inserts made of brass
- 10 pcs. lens head screws

| REF | Screw Thread/mm | Thread Insert/mm | Size | PU |
|---------------|-----------------|------------------|-------|-----------|
| 21.520.016.00 | M 3.5 x 8 | M 3.5 | S | 10 Pieces |
| 21.520.017.00 | M 4 x 9 | M 4 | M & L | 10 Pieces |

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Dyneema®-Prepreg107

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