Materials Catalog 2021







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

Office Hours:

Monday through Friday from 8am to 5pm CET

Teufel. Makes a Difference.

Ever since its foundation in 1862 in Stuttgart, Teufel has stood for high product quality without compromise, striving to offer the best solution possible for every user.

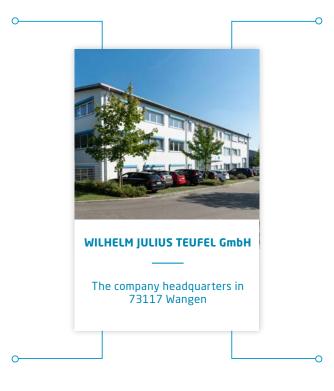
Over the course of more than 150 years therapies, techniques and materials have been changed and refined.

What has not changed are our standards: Each of our products and services serves the goal of regaining, preserving, and improving the quality of life for the user.

In all four areas of our business, prosthetics, orthotics, c-fab and materials, this is the goal we strive to reach for you, every day.



A wide selection of raw materials for all orthopedic applications.







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Sheet Material





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)

Properties

- Extremely high impact resistance
- No discernible shrinkage (less than 1%)
- Very high break resistance
- Very good shape retention
- Can be laminated to attach adapters
- Easily post-moldable
- Recommended processing temperature: approx. 160–170 °C, varies depending on oven type and material thickness

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
70.612.015.05	500 x 500	15	Transparent
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

^{*}Delivery time: approx. 2-3 weeks

^{*}Sheets with the dimensions 2050 mm \times 1250 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)

Properties

- Extremely high impact resistance
- No discernible shrinkage (less than 1%)
- High break resistance
- High stiffness
- Good shape retention under heat
- Can be laminated to attach adapters
- Easily post-moldable
- Recommended processing temperature: approx. 170 °C, varies depending on oven type

PU=1 Sheet/Piece

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



70.762.0XX.01

Orthotherm® Soft

Application

• For the manufacture of flexible prosthetic sockets

Material

• EVA (ethylene vinyl acetate)

Properties

- High flexibility
- Good surface adhesion
- No discernible shrinkage (less than 1%)
- Pleasant wearing properties
- Washable
- Easily post-moldable
- Recommended processing temperature: approx. 150 °C, varies depending on oven type

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



70.765.0XX.01

◆ Orthotherm® Black

Application

• For the manufacture of flexible inner sockets

Material

• Polyethylene-copolymer

Properties

- High flexibility
- Good surface adhesion
- No discernible shrinkage (less than 1%)
- Low density, thus especially light
- Pleasant wearing properties
- Washable
- · Easily post-moldable
- Recommended processing temperature: approx. 120–130 °C, varies depending on oven type

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

Properties

- High flexibility
- Optimal surface adhesion
- No discernible shrinkage (less than 1%)
- Pleasant wearing properties
- Washable
- Easily post-moldable
- Easy to sand
- Recommended processing temperature: approx. 115–125 °C, varies depending on oven type

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

Properties

- High flexibility
- Very good surface adhesion
- No discernible shrinkage (less than 1%)
- Pleasant wearing properties
- Washable
- Easily post-moldable
- 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®

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

- One matte side
- · One glossy side
- · Very suitable for thermoforming
- · Very suitable for vacuum forming
- Easy to fuse
- Easy to sand / edges can be polished
- Very little shrinkage (less than 4%)
- Can be colored using our transfer papers and fabrics
- Good shape-retaining properties and stability even with thin material thickness
- Radiotransparent
- Resistant against many acids, lyes and solvents
- Low molecular weight
- Recommended processing temperature: approx. 165–175 °C, varies depending on oven type

PU=1 Sheet/Piece (2 m²)

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



70.0XX.2XX.XX



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

◆ Eurolen® PLUS+

Application

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

Material

• Polyethylene (PE-HD 300)

Properties

- Very suitable for thermoforming
- Perfectly suitable for vacuum forming
- Easy to fuse
- Easy to sand / edges can be polished
- Very little shrinkage (approx. 4–5 %)
- Can be colored using our transfer papers and fabrics
- Good shape-retaining properties and stability despite low material thickness
- · Radiotransparent
- Resistant against many acids, lyes and solvents
- Low molecular weight
- 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

PU=1 Sheet/Piece (2 m²)

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	Skin-Colored
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

^{*}Delivery time: approx. 2-3 weeks

Single 2^n 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.

Subortholen

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

- No shrinkage
- Suitable for thermoforming
- Suitable for vacuum forming
- Easy to sand / edges can be polished
- Can be colored using our transfer papers and fabrics
- Good shape-retaining properties and stability despite low material thickness
- Radiotransparent
- Good gliding properties
- Resistant against many acids, lyes and solvents
- Low molecular weight
- Recommended processing temperature: approx. 160 °C, varies depending on oven type

PU=1 Sheet/Piece (1,8 m²)

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	Skin-Colored
70.028.203.01	1930 x 930	3	Skin-Colored
70.028.204.01	1930 x 930	4	Skin-Colored
70.028.205.01	1930 x 930	5	Skin-Colored
70.546.202.01	1930 x 930	2	Blue
70.546.203.01	1930 x 930	3	Blue
70.546.204.01	1930 x 930	4	Blue
70.546.205.01	1930 x 930	5	Blue
70.548.203.01	1930 x 930	3	Red
70.548.204.01	1930 x 930	4	Red
70.548.205.01	1930 x 930	5	Red
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 x 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.

Ortholen®

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

- No shrinkage
- Suitable for thermoforming to a limited extent
- Will not fuse to itself
- Can be sanded/ edges can be polished
- Can be postformed when cold/ cold forced
- Extremely good shape-retaining properties and stability despite low material thickness
- Radiotransparent
- Good gliding properties
- Resistant against many acids, lyes and solvents
- High molecular weight
- Recommended processing temperature: approx. 180 °C, varies depending on oven type

PU=1 Sheet/Piece (1,8 m²)

REF	Dimensions L x W/mm	Thickness/mm	Color
70.025.201.01	1930 x 930	1	Skin-Colored
70.025.202.01	1930 x 930	2	Skin-Colored
70.025.203.01	1930 x 930	3	Skin-Colored
70.025.204.01	1930 x 930	4	Skin-Colored
70.025.205.01	1930 x 930	5	Skin-Colored
70.025.206.01	1930 x 930	6	Skin-Colored
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

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.XXX. XX), 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)

- Very suitable for thermoforming
- Perfectly suitable for vacuum forming
- High flexibility
- Easy to fuse
- Easy to sand / edges can be polished
- Only little shrinkage (approx. 4–5 %)
- Radiotransparent
- Resistant against many acids, lyes and solvents
- Low molecular weight
- Recommended processing temperature: approx. 130–160 °C, varies depending on oven type and material thickness

REF	Dimensions L x B/mm	Thickness/mm	Color	PU/m²
71.011.018.01	2000 x 1000	1	Natural-Colored	2
71.011.018.02	2000 x 1000	2	Natural-Colored	2
71.011.018.03	2000 x 1000	3	Natural-Colored	2
71.011.018.04	2000×1000	4	Natural-Colored	2
71.011.018.05	2000 x 1000	5	Natural-Colored	2
71.011.019.01	1000 x 500	1	Natural-Colored	0.5
71.011.019.02	1000 x 500	2	Natural-Colored	0.5

^{*}Single 1, 2 and 3 mm sheets can be rolled for shipping. Sheets with a thickness of 4 mm and up 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.XXX. XX), 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

- Well suited for thermoforming
- · Well suited for vacuum forming
- Easy to fuse
- Easy to sand, cut and polish (low number of revolutions 800–1500 rpm)
- Can be colored using our transfer papers and fabrics
- Only little shrinkage (approx. 4–5 %)
- High stiffness
- High firmness
- Radiotransparent
- Resistant against many acids, lyes and solvents
- Recommended processing temperature: approx. 185–200 °C, varies depending on oven type and material thickness

PU=1 Sheet/Piece (2 m²)

REF	Dimensions L x B/mm	Thickness/mm	Color
70.453.202.01	2000 x 1000	2	Natural-Colored
70.453.203.01	2000×1000	3	Natural-Colored
70.453.204.01	2000×1000	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 70.289.XXX. XX), 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

- Well suited for thermoforming
- Well suited for vacuum forming
- Semi-flexible
- Scratch-resistant
- Easy to fuse
- Easy to sand, cut and polish (low number of revolutions, 800–1500 rpm)
- Can be colored using our transfer papers and fabrics
- Only little shrinkage (approx. 4–5 %)
- High firmness
- Radiotransparent
- Resistant against many acids, lyes and solvents
- Low molecular weight
- Recommended processing temperature: approx. 180–195 °C, varies depending on oven type and material thickness

PU=1 Sheet/Piece (2 m²)

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.

Eurodur 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)

Properties

- Suitable for thermoforming
- Suitable for vacuum forming
- Fusible
- Easy to sand, cut and polish (low number of revolutions, 800–1500 rpm)
- Can be colored using our transfer papers and fabrics
- Only little shrinkage (approx. 4–5 %)
- High stiffness
- High firmness
- Radiotransparent
- Resistant against many acids, lyes and solvents
- Recommended processing temperature: approx. 180–200 °C, varies depending on oven type and material thickness

PU=1 Sheet/Piece (2 m²)

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

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)

Properties

- Flexible/permanently elastic
- Dimensionally stable
- Well suited for thermoforming
- Physiologically harmless
- Disinfectable
- Pleasant wearing properties
- 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.

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.

REF	Dimensions L x W/	Thickness/ mm	Color	PU/m²
71.014.018.01	1000×1000	1.5	Transparent	1
71.014.018.02	1000×1000	2	Transparent	1
71.014.018.03	1000 x 1000	3	Transparent	1
71.014.018.04	1000×1000	4	Transparent	1
71.014.018.05	1000×1000	5	Transparent	1
71.014.028.01	1000 x 5000	1.5	Transparent	5
71.014.028.02	1000 x 5000	2	Transparent	5
71.014.028.03	1000 x 5000	3	Transparent	5
71.014.028.04	1000 x 5000	4	Transparent	5



71.014.03X.0X

Ortoflex

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)

Properties

- Flexible/permamently elastic
- Dimensionally stable
- Well suited for thermoforming
- Physiologically harmless
- Disinfectable
- Pleasant wearing properties
- 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.

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.

PU=1 Sheet/Piece

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
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



◆ 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





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

- Robust clamp screws
- 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



Example of Use



60.001.009.00

60.001.009.01

Mounting System for Frames, Universal

Application

• For mounting vacuum forming frames

Material

• Galvanized steel

Properties

- · Universally adjustable
- Matches both sizes of vacuum forming frames, REF 60.001.004.00 and REF 60.001.005.00
- Frame are slid into the mounting system for assembly

REF	L x W x H/mm	Adjusting Range Width/mm
60.001.009.00	400 x 300-550 x 250	300-550

◆ Mounting System for Frames, Height Adjustable

Application

• For mounting vacuum forming frames

Material

• Stainless steel

- Adjustable in width and height
- Robust design (square tubes)
- Matches both sizes of vacuum forming frames, REF 60.001.004.00 and REF 60.001.005.00
- Frames are placed on top of mounting system for assembly
- Suitable for all current oven types

REF	L x W x H/mm	Adjusting Range Width/mm	Adjusting Range Height/mm
60.001.009.01	400 x 300-550 x 250-350	300-550	250, 300, 350



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/Quantity
80.137.110.00	50	8	10



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)

- Extremely elastic
- Elasticity: up to 475 % of diameter (when laid out flat)
- For BK, AK, KAFO and AFO
- Not pre-impregnated

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



PA.0013X00

• Feather Stretch Extra Trikotschlauch

Application

- As 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)

Properties

- Exceptionally elastic
- Elasticity: up to 750 % of diameter (when laid out flat)
- For AK, HKAFO and torsos
- Not pre-impregnated

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



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	PU/kg
74.003.001.01	0.340



• PTFE-Film

Application

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

Material

• Coated glass fabric

REF	Width x Thickness/mm	Version
70.289.000.00	1000 x 0.13	Smooth, Air-Impermeable
70.289.010.00	1000 x 0.13	Perforated, Air-Permeable



• Cotton Gloves

Material

• 100% cotton

- Five-finger heat protection glove
- Short and long version available
- One size fits all
- Long version for forearm protection

REF	Length/mm	PU/Pairs
60.411.000.00	270	1
60.411.035.00	350	1

Padding Materials





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

- Shore hardness approx. 22 A
- Density approx. 120 kg/m³
- Well suited for thermoforming
- Well suited for glueing
- High restoring force
- No discernible shrinkage
- Washable
- Easy to sand
- Easily post-moldable
- Recommended processing temperature: approx. 110–130 °C, varies depending on oven type

PU=1 Sheet/Piece

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



◆ Nora® Lunasoft SLW

Application

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

Material

• EVA copolymer, closed-cell

Properties

- Shore hardness approx. 30 A
- Density approx. 200 kg/m³
- Well suited for thermoforming
- · Well suited for glueing
- No discernible shrinkage
- Washable
- Easy to sand
- Easily post-moldable
- Recommended processing temperature: approx. 120 °C-170 °C, varies depending on oven type

REF	Dimensions L x W/mm	Thickness/mm	Color
71.001.071.04	1150 × 750	4	Skin-Colored
71.001.071.06	1150 × 750	6	Skin-Colored
71.001.071.08	1150 x 750	8	Skin-Colored



71.001.081.0X

◆ Nora® Lunasoft SL

Application

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

Material

• EVA copolymer, closed-cell

Properties

- Shore hardness approx. 40 A
- Density approx. 200 kg/m³
- Well suited for thermoforming
- Well suited for glueing
- High restoring force
- No discernible shrinkage
- Washable
- Easy to sand
- Easily post-moldable
- Recommended processing temperature: approx. 120–170 °C, varies depending on oven type

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



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

• Polyehtylene foam (PE), closed-cell

- Shore hardness approx. 30 A
- Density approx. 140 kg/m³
- Very well suited for thermoforming
- Very well suited for glueing
- No discernible shrinkage
- Washable
- Easy to sand
- Easily post-moldable
- Recommended processing temperature: approx. 130 °C, varies depending on oven type, color and material thickness

PU=1 Sheet/Piece

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



71.003.02X.XX

REF	Dimensions L x W/mm	Thickness/mm	Color
71.003.023.07	1100×1100	7	Yellow
71.003.023.10	1100×1100	10	Yellow
71.003.023.30	1100×1100	30	Yellow
71.003.024.02	1100×1100	2	Red
71.003.024.03	1100×1100	3	Red
71.003.024.04	1100×1100	4	Red
71.003.024.05	1100×1100	5	Red
71.003.024.07	1100×1100	7	Red
71.003.024.10	1100×1100	10	Red
71.003.024.15	1100×1100	15	Red
71.003.024.30	1100×1100	30	Red
71.003.025.02	1100×1100	2	Blue
71.003.025.03	1100×1100	3	Blue
71.003.025.04	1100×1100	4	Blue
71.003.025.05	1100×1100	5	Blue
71.003.025.06	1100×1100	6	Blue
71.003.025.07	1100×1100	7	Blue
71.003.025.10	1100×1100	10	Blue
71.003.025.12	1100×1100	12	Blue
71.003.025.15	1100×1100	15	Blue
71.003.025.30	1100×1100	30	Blue
71.003.027.01	1100×1100	1	Black
71.003.027.02	1100×1100	2	Black
71.003.027.03	1100×1100	3	Black
71.003.027.04	1100×1100	4	Black
71.003.027.05	1100×1100	5	Black
71.003.027.15	1100×1100	15	Black
71.003.029.01	1100×1100	1	Brown
71.003.029.02	1100×1100	2	Brown
71.003.029.03	1100×1100	3	Brown
71.003.029.04	1100×1100	4	Brown
71.003.029.05	1100×1100	5	Brown
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	1100×1100	5	Pink



◆ Alveolux XRE

Application

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

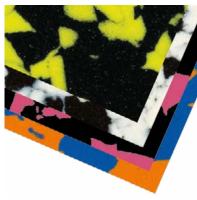
Material

• Polyethylene foam (PE), closed-cell

Properties

- Shore hardness approx. 25 A
- Density approx. 140 kg/m³
- Very high tensile strength
- Very well suited for thermoforming
- Very well suited for glueing
- High restoring force
- No discernible shrinkage
- Washable
- Sandable
- Easily post-moldable
- Recommended processing temperature: approx. 130–150 °C, varies depending on oven type, color and material thickness

REF	Dimensions L x W/mm	Thickness/mm	Color
71.003.011.02	1050×1050	2	Skin-Colored
71.003.011.04	1050 x 1050	4	Skin-Colored
71.003.011.05	1050×1050	5	Skin-Colored
71.003.011.06	1050×1050	6	Skin-Colored
71.003.015.02	1050×1050	2	Blue
71.003.015.04	1050×1050	4	Blue
71.003.015.05	1050×1050	5	Blue
71.003.014.02	1050×1050	2	Red
71.003.014.04	1050×1050	4	Red
71.003.014.05	1050 x 1050	5	Red



71.003.01X.03

◆ Colorfoam

Application

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

Materia

• Polyethylene foam (PE), closed-cell

- Shore hardness approx. 40 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
- \bullet Recommended processing temperature: approx. 130–135 °C, varies depending on oven type and color combination

PU=1 Sheet/Piece

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



◆ Tepefom® Classic 4 Shore 5 A

Application

• Padding material for soft cushioning

Material

• Polyethylene foam (PE), closed-cell

Properties

- Shore hardness approx. 5 A
- Density approx. 30 kg/m³
- Well suited for thermoforming
- Very well suited for glueing
- No discernible shrinkage
- Washable
- Skin compatibility tested by the Hohenstein Institute
- Easy to sand
- Post-moldable
- Recommended processing temperature: approx. 120 °C, varies depending on oven type and material thickness

PU=1 Sheet/Piece

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	1000×1000	15	White
70.023.125.01	1000×1000	25	White



70.021.1XX.01

◆ Tepefom® Classic 7 Shore 20 A

Application

Padding material for soft cushioning, orthotics and cosmetic covers

Material

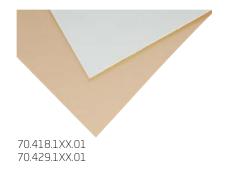
• Polyethylene foam (PE), closed-cell

Properties

- Hardness approx.Shore 20 A
- Density approx. 100 kg/m³
- Well suited for thermoforming
- Very well suited for glueing
- No discernible shrinkage
- Washable
- Skin compatibility tested by the Hohenstein Institute
- Easy to sand
- Post-moldable
- Recommended processing temperature: approx. 120 °C, varies depending on oven type and material thickness

PU=1 Sheet/Piece

REF	Dimensions L x W/mm	Thickness/mm	Color
70.021.103.01	1000×1000	3	White
70.021.105.01	1000×1000	5	White
70.021.107.01	1000×1000	7	White
70.021.110.01	1000×1000	10	White
70.021.113.01	1000×1000	13	White
70.021.115.01	1000×1000	15	White
70.021.140.01	1000×1000	40	White



◆ Tepefom® Classic 20 Shore 35 A

Application

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

Material

• Polyethylene foam (PE), closed-cell

Properties

- Shore hardness approx. 35 A
- Density approx. 140 kg/m³
- Very well suited for thermoforming
- Very well suited for glueing
- Very robust
- No discernible shrinkage
- Washable
- Skin compatibility tested by the Hohenstein Institute
- Very easy to sand
- Post-moldable with thermoforming
- $\bullet\,$ Recommended processing temperature: approx. 120 °C, varies depending on oven type and material

PU=1 Sheet/Piece

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

Additional colors and thicknesses available upon request.



Example of Use



70.430.00X.00/70.431.00X.00

◆ Tepe-Cone

Cone-shaped polyethylene foam material, suitable for thermoforming.

Application

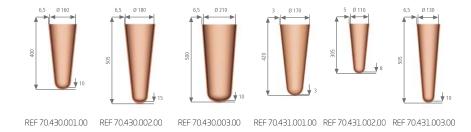
• For the manufacture of soft sockets for different limb lengths and ortho-prostheses

Material

• Polyethylene foam (PE), closed-cell

Properties

- Shore hardness approx. 35 A
- Suitable for thermoforming
- Very well suited for glueing
- Very robust
- Washable
- Very easy to sand
- Smooth inner surface
- No bond seam
- Suitable for vacuum forming
- Quick processing
- Recommended processing temperature: approx. 160-170 °C, varies depending on oven type
- Heating time approx. 5 min



PU=1 Piece

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.



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



◆ Plastazote

Application

• Padding material especially suitable for padding on orthoses

Material

• Polyethylene foam (PE), closed-cell

Properties

- Shore hardness approx. 15–18 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 °C, varies depending on oven type, color and material thickness

PU=1 Sheet/Piece

REF	Dimensions L x W/mm	Thickness/mm	Color	PU/m ²
70.526.202.01	2000x1000	2	Skin-Colored	2
70.526.203.01	2000x1000	3	Skin-Colored	2
70.526.204.01	2000x1000	4	Skin-Colored	2
70.526.205.01	2000x1000	5	Skin-Colored	2
70.526.206.01	2000x1000	6	Skin-Colored	2
70.526.208.01	2000x1000	8	Skin-Colored	2
70.526.210.01	2000x1000	10	Skin-Colored	2
70.526.212.01	2000x1000	12	Skin-Colored	2
70.526.215.01	2000x1000	15	Skin-Colored	2
70.526.220.01	2000x1000	20	Skin-Colored	2
70.526.102.01	1000x1000	2	Skin-Colored	1
70.526.103.01	1000x1000	3	Skin-Colored	1
70.526.104.01	1000x1000	4	Skin-Colored	1
70.526.105.01	1000x1000	5	Skin-Colored	1
70.526.106.01	1000x1000	6	Skin-Colored	1
70.526.108.01	1000x1000	8	Skin-Colored	1
70.526.110.01	1000x1000	10	Skin-Colored	1
70.526.112.01	1000x1000	12	Skin-Colored	1
70.526.115.01	1000x1000	15	Skin-Colored	1
70.526.120.01	1000x1000	20	Skin-Colored	1
70.514.202.01	2000x1000	2	White	2
70.514.203.01	2000x1000	3	White	2
70.514.204.01	2000x1000	4	White	2
70.514.205.01	2000x1000	5	White	2
70.514.206.01	2000x1000	6	White	2



70.XXX.XXX.01

REF	Dimensions L x W/mm	Thickness/mm	Color	PU/m ²
70.514.208.01	2000x1000	8	White	2
70.514.210.01	2000x1000	10	White	2
70.514.212.01	2000x1000	12	White	2
70.514.215.01	2000x1000	15	White	2
70.514.220.01	2000x1000	20	White	2
70.559.202.01	2000x1000	2	Blue	2
70.559.203.01	2000x1000	3	Blue	2
70.559.204.01	2000x1000	4	Blue	2
70.559.206.01	2000x1000	6	Blue	2
70.559.208.01	2000x1000	8	Blue	2
70.559.210.01	2000x1000	10	Blue	2
70.559.212.01	2000x1000	12	Blue	2
70.559.215.01	2000x1000	15	Blue	2
70.558.202.01	2000x1000	2	Red	2
70.558.203.01	2000x1000	3	Red	2
70.558.204.01	2000x1000	4	Red	2
70.558.206.01	2000x1000	6	Red	2
70.558.212.01	2000x1000	12	Red	2
70.558.215.01	2000x1000	15	Red	2
70.604.203.01	2000x1000	3	Yellow	2
70.604.204.01	2000x1000	4	Yellow	2
70.604.206.01	2000x1000	6	Yellow	2
70.604.212.01	2000x1000	12	Yellow	2
70.606.203.01	2000x1000	3	Green	2
70.606.204.01	2000x1000	4	Green	2
70.606.206.01	2000x1000	6	Green	2
70.606.212.01	2000x1000	12	Green	2
70.515.202.01	2000x1000	2	Black	2
70.515.203.01	2000x1000	3	Black	2
70.515.204.01	2000x1000	4	Black	2
70.515.206.01	2000x1000	6	Black	2
70.515.208.01	2000x1000	8	Black	2
70.515.210.01	2000x1000	10	Black	2
70.515.212.01	2000x1000	12	Black	2
70.515.215.01	2000x1000	15	Black	2
70.515.220.01	2000x1000	20	Black	2

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

Properties

- Shore hardness approx. 15–18 A
- Low density approx. 45 kg/m³
- Very suitable for combination with Eurolen Plus+, Subortholen and polypropylene
- Well suited for thermoforming
- Well suited for glueing
- Fuses very well with PE
- · High restoring force
- No discernible shrinkage
- Washable
- Easy to sand
- Recommended processing temperature: approx. 110–140°C, varies depending on oven type, color and material thickness

PU=1 Sheet/Piece

REF	Dimensions L x W/mm	Thickness/ mm	Color	Version	PU/ m²
70.527.102.01	1000×1000	2	Skin-Colored	Perforated	1
70.527.103.01	1000×1000	3	Skin-Colored	Perforated	1
70.527.104.01	1000×1000	4	Skin-Colored	Perforated	1
70.527.105.01	1000×1000	5	Skin-Colored	Perforated	1
70.527.106.01	1000×1000	6	Skin-Colored	Perforated	1
70.527.110.01	1000×1000	10	Skin-Colored	Perforated	1
70.527.112.01	1000×1000	12	Skin-Colored	Perforated	1
70.527.118.01	1000×1000	18	Skin-Colored	Perforated	1
70.652.103.01	1000×1000	3	White	Perforated	1
70.652.104.01	1000×1000	4	White	Perforated	1
70.652.106.01	1000×1000	6	White	Perforated	1
70.652.112.01	1000×1000	12	White	Perforated	1
70.559.102.01	1000×1000	2	Blue	Perforated	1
70.559.103.01	1000×1000	3	Blue	Perforated	1
70.559.104.01	1000×1000	4	Blue	Perforated	1
70.559.106.01	1000×1000	6	Blue	Perforated	1
70.558.102.01	1000×1000	2	Red	Perforated	1
70.558.103.01	1000×1000	3	Red	Perforated	1
70.558.104.01	1000×1000	4	Red	Perforated	1
70.558.106.01	1000×1000	6	Red	Perforated	1
70.604.102.01	1000×1000	2	Yellow	Perforated	1
70.604.103.01	1000×1000	3	Yellow	Perforated	1
70.604.104.01	1000×1000	4	Yellow	Perforated	1
70.604.106.01	1000×1000	6	Yellow	Perforated	1
70.515.102.01	1000×1000	2	Black	Perforated	1
70.515.103.01	1000×1000	3	Black	Perforated	1
70.515.104.01	1000×1000	4	Black	Perforated	1
70.515.106.01	1000×1000	6	Black	Perforated	1



70.6XX.1XX.01

Evazote

Application

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

Material

• EVA copolymer, closed-cell

- Shore hardness approx. 15–18 A
- Low density approx. 50 kg/m³
- Well suited for thermoforming
- Very high restoring force
- No discernible shrinkage
- Elastic
- Washable
- Recommended processing temperature: approx. 110–120 °C, varies depending on oven type, color and material thickness

PU=1 Sheet/Piece

REF	Dimensions L x W/mm	Thickness/mm	Color	PU/m ²
70.619.103.01	1000×1000	3	White	1
70.619.104.01	1000×1000	4	White	1
70.619.106.01	1000×1000	6	White	1
70.619.108.01	1000×1000	8	White	1
70.619.110.01	1000×1000	10	White	1
70.619.112.01	1000×1000	12	White	1
70.619.115.01	1000×1000	15	White	1
70.620.103.01	1000×1000	3	Blue	1
70.620.104.01	1000×1000	4	Blue	1
70.620.106.01	1000×1000	6	Blue	1
70.620.108.01	1000×1000	8	Blue	1
70.620.110.01	1000×1000	10	Blue	1
70.620.115.01	1000×1000	15	Blue	1



71.004.2XX.X0

◆ Memory Foam

Application

• Especially suited for decubitus prophylaxis, soft cushioning, seat cushions, seating shells and positioning aids

Material

• PU foam, open-cell

Properties

- Shore hardness approx. 15–18 A
- Density: 60 kg/m³
- Viscoelastic
- Very high restoring force

PU=1 Sheet/Piece

REF	Dimensions L x W/mm	Thickness/ mm	Color	PU/m ²	Compression Hardness/kPa
71.004.230.10	2000×1000	10	Yellow	2	6.0
71.004.230.20	2000×1000	20	Yellow	2	6.0
71.004.230.30	2000×1000	30	Yellow	2	6.0
71.004.230.50	2000×1000	50	Yellow	2	6.0
71.004.240.10	2000×1000	10	Pink	2	12.0
71.004.240.20	2000×1000	20	Pink	2	12.0
71.004.240.30	2000×1000	30	Pink	2	12.0
71.004.240.40	2000×1000	40	Pink	2	12.0
71.004.240.50	2000×1000	50	Pink	2	12.0
71.004.241.00	2000 x 1000	100	Pink	2	12.0



71.004.22X.XX

◆ PU Foam

Application

• For soft cushioning, seat cushions, seating shells and large positioning aids

Material

• PU foam, open-cell

- Density: 40 kg/m³
- Compression hardness: 6.0 kPa

PU=1 Sheet/Piece

REF	Dimensions L x W/mm	Thickness/mm	Color	PU/m ²
71.004.220.05	2000×1000	5	White	2
71.004.220.10	2000×1000	10	White	2
71.004.220.20	2000 x 1000	20	White	2
71.004.220.25	2000×1000	25	White	2
71.004.220.30	2000 x 1000	30	White	2
71.004.220.40	2000×1000	40	White	2
71.004.220.50	2000×1000	50	White	2
71.004.221.00	2000×1000	100	White	2



71.004.2XX.XX

◆ Poron/PPT

Application

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

Material

• PU foam, open-cell

Properties

- Shore hardness approx. 12–16 A
- Roughened on one side
- High restoring force
- Not suitable for thermoforming
- Washable
- Medical grade

PU=1 Sheet/Piece

REF	Dimensions L x W/mm	Thickness/ mm	Color	Version	PU/ m²
71.004.261.15	1370×750	1.5	Skin- Colored	Roughened on One Side	1
71.004.261.30	1370×750	3.0	Skin- Colored	Roughened on One Side	1
71.004.261.60	1370×750	6.0	Skin- Colored	Roughened on One Side	1
71.004.261.90	1370×750	9.0	Skin- Colored	Roughened on One Side	1
71.004.275.15	1370×750	1.5	Light Blue	Roughened on One Side	1
71.004.275.30	1370×750	3.0	Light Blue	Roughened on One Side	1
71.004.275.60	1370×750	6.0	Light Blue	Roughened on One Side	1



◆ WJT-Foam

Application

 $\bullet\,\,$ For the manufacture of inserts for cushioning pressure-sensitive feet

Material

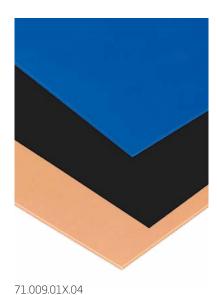
• PU foam, open-cell

Properties

- Shore hardness approx. 10 A
- Smooth on both sides
- Very good retarded restoring force
- Not suitable for thermoforming
- Washable
- Pressure- and shock-absorbing

PU=1 Sheet/Piece

REF	Dimensions L x W/mm	Thickness/ mm	Color	Version	PU/m ²
71.004.254.30	1370×1000	3	Red	Smooth on Both Sides	1.37
71.004.254.50	1370×1000	5	Red	Smooth on Both Sides	1.37
71.004.254.60	1370×1000	6	Red	Smooth on Both Sides	1.37



◆ Neoprene

Application

- Padding material
- Bandages

Material

• Polychloroprene, foamed

Properties

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

PU=1 Sheet/Piece

REF	Dimensions L x W/mm	Thickness/mm	Color	PU/m ²
71.009.011.04	2150 x 1350	4	Skin-Colored	2.90
71.009.015.04	2150 x 1350	4	Royal Blue	2.90
71.009.017.04	2150 x 1350	4	Black	2.90

Additional colors and thicknesses, textile covers, versions with loop fabric cover or with skin-colored neoprene filling are available upon request.



70.562.000.00

◆ Neoprene Adhesive



Application

• Adhesive for foamed neoprene

Material

• Contact adhesive for neporene containing polychloroprene

Properties

- Color: Black
- Strong and elastic bond

REF	Content/Quantity/ml	PU/Can
70.562.000.00	100	1



90.302.040.00

◆ Sample Set Thermoplastics and Sheet Materials

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

REF	Product
90.302.040.00	Sample Set Sheets&Padding

Laminating Fabrics and Transfer Papers



◆ 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

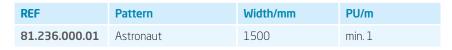
Material

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

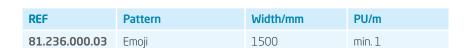
Properties

- 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/m
81.236.000.02	Toy Bricks	1500	min. 1



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

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

REF	Motiv	Width/mm	PU/m
81.236.000.06	Dino	1500	min. 1

REF	Motiv	Width/mm	PU/m
81.236.000.07	Hearts	1500	min. 1

























◆ Laminating Fabrics

REF	Pattern	Width/mm	PU/m
81.236.000.08	Wood	1500	min. 1

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

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

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

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

◆ Laminating Fabrics / Custom

Our production method makes it possible to manufacture transfer papers / laminating fabrics with custom designs (company logos etc.) in small quantities.

To produce custom designs, we need you to supply us with

- CMYK color model
- Print file with 300 dpi min.

Before order placement you will receive a proofreading file for final approval.

Minimum order quantity = 10 running meters

REF	Pattern	Width/mm	PU/m
81.236.000.99	Custom	1500	10

Legal information concerning trademark protection: The motives and patterns submitted by you may not be protected by trademark or property rights of third parties. If you want to use trademark designs, it lies within your responsibility to attain the permission of use from the owner of the trademark.

In case an order is placed, the written permission of the owner of the trademark has to be on hand.

◆ 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

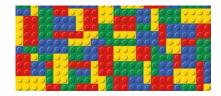
Properties

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

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



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



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



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



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



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



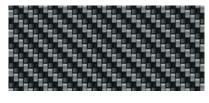
REF	Pattern	Width/mm	PU/m
81.235.000.06	Dino	1500	min. 1



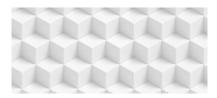
REF	Pattern	Width/mm	PU/m
81.235.000.07	Hearts	1500	min. 1













◆ Transfer Papers

REF	Pattern	Width/mm	PU/m
81.235.000.08	Wood	1500	min. 1

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

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

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

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

◆ Transfer Papers / Custom

Our production method makes it possible to manufacture transfer papers / laminating fabrics with custom designs (company logos etc.) in small quantities.

To produce custom designs, we need you to supply us with

- CMYK color model
- Print file with 300 dpi min.

Before order placement you will receive a proofreading file for final approval.

Minimum order quantity = 10 running meters

REF	Pattern	Width/mm	PU/m
81.235.000.99	Custom	1500	10

Legal information concerning trademark protection: The motives and patterns submitted by you may not be protected by trademark or property rights of third parties. If you want to use trademark designs, it lies within your responsibility to attain the permission of use from the owner of the trademark.

In case an order is placed, the written permission of the owner of the trademark has to be on hand.

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 $\,$





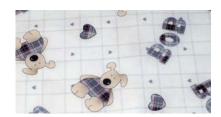
REF	Pattern	Width/mm	PU/m
81.181.002.00	Humphrey Bear	800	2
81.181.010.00	Humphrey Bear	800	10



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



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



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

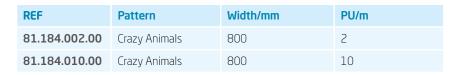


REF	Pattern	Width/mm	PU/m
81.161.002.00	Bob Red	800	2
81.161.010.00	Bob Red	800	10



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







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



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



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



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



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



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



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



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



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



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



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



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



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



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

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



74.003.001.01

• Isolation Spray 🗘 🕸 🕸



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

- Does not add any volume
- Prevents the thermoforming workpiece from being distorted
- Heat-resistant to up to 260 $^{\circ}\text{C}$

REF	PU/kg
74.003.001.01	0.340

Foams



◆ 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 or 500 always with the same amount of component B.

**Fortichen PUE 200 **Gits

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

Properties

- Mixing ratio: 1:1, component B with component PUR 200
- Do not store at temperatures under 15 °C and over 30 °C
- Shake well for approx. 30 s before processing
- Moisture sensitive

Properties

- Density approx. 220 kg/m³
- No shrinkage
- Easy to post-process when hardened
- Allows for very exact molding

Rigid Foam PUR 200

REF	Rigid Foam 200	Expansion Factor	Net Content/kg	PU
70.830.009.00	Component A	Approx. 5	0.865	1 Tin
70.830.046.00	Component A	Approx. 5	4.600	1 Canister



70.835.0XX.00

Hardener for Rigid Foam 🔱 🕸

REF	Hardener for Rigid Foam	Net Content/kg	PU
70.835.009.00	Component B	0.865	1 Tin
70.835.046.00	Component B	4.600	1 Canister



70.831.0XX.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

Properties

- Mixing ratio: 1:1, component B with component PUR 300
- Do not store at temperatures under 15 °C and over 30 °C
- Shake well for approx. 30 s before processing
- Moisture sensitive

Properties

- Density approx. 320 kg/m³
- No shrinkage
- Easy to post-process when hardened
- Allows for very exact molding

Rigid Foam PUR 300

REF	Rigid Foam 300	Expansion Factor	Net Content/kg	PU
70.831.009.00	Component A	Approx. 3.5	0.865	1 Tin
70.831.046.00	Component A	Approx. 3.5	4.6	1 Canister



70.835.0XX.00

Hardener for Rigid Foam 🕠 🕸



REF	Hardener for Rigid Foam	Net Content/kg	PU
70.835.009.00	Component B	0.865	1 Tin
70.835.046.00	Component B	4.6	1 Canister



70.832.0XX.00

• Rigid Foam PUR 500

Application

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

Material

• Two-component polyurethane rigid foam

Properties

- Mixing ratio: 1:1, component B with component PUR 500
- Do not store at temperatures under 15 °C and over 30 °C
- Shake well for approx. 30 s before processing
- Moisture sensitive

Properties

- Density approx. 540 kg/m³
- No shrinkage
- Easy to post-process when hardened
- Allows for very exact molding
- Nailable

Rigid Foam PUR 500

REF	Rigid Foam 500	Expansion Factor	Net Content/kg	PU
70.832.009.00	Component A	Approx. 2	0.865	1 Tin
70.832.046.00	Component A	Approx. 2	4.6	1 Canister



70.835.0XX.00

Hardener for Rigid Foam 🕩 🕸



REF	Hardener for Rigid Foam	Net Content/kg	PU
70.835.009.00	Component B	0.865	1 Tin
70.835.046.00	Component B	4.6	1 Canister



70.833.0XX.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

Properties

- Mixing ratio: 1:1, component B with component PUR 700
- Do not store at temperatures under 15 °C and over 30 °C
- Shake well for approx. 30 s before processing
- Moisture sensitive

Properties

- Density approx. 660 kg/m³
- No shrinkage
- Easy to post-process and sand when hardened
- Allows for very exact molding
- Nailable
- Impact-resistant

Rigid Foam PUR 700

REF	Rigid Foam 700	Expansion Factor	Net Content/kg	PU
70.833.009.00	Component A	Approx. 1.5	0.865	1 Tin
70.833.046.00	Component A	Approx. 1.5	4.6	1 Canister



70.835.0XX.00

Hardener for Rigid Foam 🔱 🕸

REF	Hardener for Rigid Foam	Net Content/kg	PU
70.835.009.00	Component B	0.865	1 Tin
70.835.046.00	Component B	4.6	1 Canister



70.835.0XX.00



We recommend always using clean mixing cups (e.g. REF 74.007.001.03 oder 74.007.001.04) and a clean wooden spatula (REF 74.007.010.26) when processing PUR rigid foams with hardener for rigid foams. Mixing ratios always refer to weight rather than volume. Always weigh all components exactly.

• Rigid Foam Component B



For all rigid foams, PUR 200, 300, 500, 700

Properties

- Mixing ratio: 1:1, component B with components PUR 200, 300, 500 or 700
- Do not store at temperatures under 15 °C and over 30 °C
- Shake well for approx. 30 s before processing
- Moisture sensitive

REF	Hardener for Rigid Foam	Net Content/kg	PU
70.835.009.00	Component B	0.865	1 Tin
70.835.046.00	Component B	4.6	1 Canister



70.839.000.00

• Pull-Out Spout Cap

For 4.6 kg canisters, for easier dosing.

REF

70.839.000.00



70.836.009.00



We recommend always using clean mixing cups (e.g. REF 74.007.001.03 oder 74.007.001.04) and a clean wooden spatula (REF 74.007.010.26) when processing PUR soft foam 150 with hardener for soft foams. Mixing ratios always refer to weight rather than volume. Always weigh all components exactly.



70.837.004.00

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 rigid foam

Properties

- Mixing ratio: 1:2, 1 part hardener for soft foam component B, 2 parts soft foam PUR 150 component A
- Do not store at temperatures under 15 °C and over 30 °C
- Shake well for approx. 30 s before processing
- Moisture sensitive

Properties

- Density approx. 185 kg/m³
- No shrinkage
- Easy to post-process when hardened
- · Allows for exact molding

Soft Foam PUR 150

REF	Soft Foam PUR 150	Expansion Factor	Net Content/ kg	PU
70.836.009.00	Component A	Approx. 5.4	0.865	1 Tin

Hardener for Soft Foam (1)



REF	Hardener for Soft Foam	Net Content/kg	PU
70.837.004.00	Component B	0.865	1 Tin



74.007.001.0X

◆ Mixing Cup with Scale

Application

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

Material

• Polypropylene

Properties

- Reusable
- With scale e.g. for our acrylic resins
- Individual sizes available

REF	Content/ml	PU/Quantity
74.007.001.03	200	100
74.007.001.04	400	100



◆ Wooden Spatulas, Long

Application

• Multi-purpose wooden spatulas

Material

Wood

- Reusable
- Square shape makes it easy to mix the contents on the bottom of a $\mbox{\it cup}$

REF	Dimensions L x B x H/mm	PU/Quantity
74.007.010.26	260 x 16 x 3	100



◆ Wooden Spatulas

Application

• Multi-purpose wooden spatula

Material

• Wood

Properties

- Reusable
- Flexible

REF	Dimensions L x W x H/mm	PU/Quantity
60.173.000.00	150 x 20 x 1.5	100



◆ Eurolast Trolen

Application

- Separating and shaping material
- Suitable as an auxiliary material e.g. for working with putties

Material

• Polyethylene (LD-PE)

- High flexibility
- Resistant to many acids, lyes and solvents

REF	Dimensions L x W/mm	Thickness/ mm	Color	PU/m ²
71.011.019.01	1000 x 500	1	Natural-Colored	0.5
71.011.019.02	1000 x 500	2	Natural-Colored	0.5

Putties



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.



70.840.0XX.00





Application

• For embedding adapters or metal bars

Material

Acrylic-based putty

Properties

- Easy to sand
- Short processing time
- Very good adhesion on acrylic and epoxy resin laminates
- Use a maximum of 3–4 % hardening paste

REF	Hardening	PU/kg
70.840.010.00	with 3–4 % Hardening Paste	0.65
70.840.025.00	with 3–4 % Hardening Paste	1.625



70.841.0XX.00

Modelling Putty



Application

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

Material

• Polyester-based modelling putty

- Easy to sand
- Short processing time
- Creates an even, fine surface
- Very suitable for nailing
- Use a maximum of 3–4 % hardening paste

REF	Hardening	PU/kg
70.841.010.00	with 3–4 % Hardening Paste	1
70.841.025.00	with 3–4 % Hardening Paste	2.5



70.842.0XX.00



70.843.006.01







Application

• For filling larger cracks and gaps

Material

• Polyester-based putty, reinforced with glass fibers

Properties

- Very light
- Easy to sand
- · Short processing time
- Increases tensile strength
- Good mechanical properties
- Use a maximum of 3–4 % hardening paste

REF	Hardening	PU/kg
70.842.008.00	with 3–4 % Hardening Paste	0.8
70.842.020.00	with 3–4 % Hardening Paste	2



Application

- For general filling purposes
- Hardener is included

Material

• Epoxy-based putty

- Very light
- Short processing time
- Very good adhesion on acrylic and epoxy resin laminates
- Mixing ratio: 2 parts putty: 1 part hardener

REF	Mixing Ratio	PU/g
70.843.006.01	2:1 (Putty to Hardener, Hardener Included)	400 Putty, 200 Hardener



70.806.0XX.01



70.843.012.00

◆ Hardening Paste for Putties and Pouring Resins ♦ ♦





Application

• Hardener for all putties except epoxy resin putty

Material

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

REF	PU/g
70.806.005.01	50
70.806.020.01	200

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	PU/g
70.843.012.00	200

Laminating





70.802.0XX.01



70.803.XXX.01



70.839.000.01

◆ Laminating Resin 80:20



Application

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

• Acrylic resin (PMMA) with 20 % soft resin

Properties

- Combinable with all orthopedic reinforcement materials
- · Easy processing method
- Thermoformable

Recommendation

Mix 100g resin with about 1-3 g hardener and approx. 3 g coloring paste. Please use our hardener REF 70.805.015.01 and our coloring paste REF 70.699.200.XX.

REF	PU/kg
70.802.009.01	0.9
70.802.046.01	4.6

Carbon Fiber Acrylic Resin < <a>



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

Properties

- Combinable with all orthopedic reinforcement materials
- Easy processing method
- Thermoformable
- Very good coating of the fibers within the lamination thanks to low viscosity
- Allows for the manufacture of components with low resin percentage

Recommendation

Mix 100 g resin with about 1-3 g hardener and approx. 3 g coloring paste. Please use our hardener REF 70.805.015.01 and our coloring paste REF 70.699.200.XX.

REF	PU/kg
70.803.009.01	0.9
70.803.046.01	4.6
70.803.250.01*	25
Optional Accessories	
70.839.000.01	Drain Cock f. 25kg Tin Can

^{*} Delivery time: about 2 weeks



70.801.0XX.01



70.805.0XX.01



Application

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

Material

Acrylic resin (PMMA)

Properties

- Combinable with all orthopedic reinforcement materials
- Easy processing method
- Creates very strong adhesive bonds like e.g. 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

Recommendation

 ${\it Mix}\,100 g\,resin\,with\,about\,1-3\,g\,hardener\,and\,approx.\,3\,g\,coloring\,paste.\,Please\,use\,our\,hardener\,and\,approx.\,3\,g\,coloring\,paste.\,Please\,use\,our\,hardener\,and\,approx.\,3\,g\,coloring\,paste.\,Please\,use\,our\,hardener\,and\,approx.\,3\,g\,coloring\,paste.\,Please\,use\,our\,hardener\,and\,approx.\,3\,g\,coloring\,paste.\,Please\,use\,our\,hardener\,and\,approx.\,3\,g\,coloring\,paste.\,Please\,use\,our\,hardener\,and\,approx.\,3\,g\,coloring\,paste.\,Please\,use\,our\,hardener\,and\,approx.\,3\,g\,coloring\,paste.\,Please\,use\,our\,hardener\,and\,approx$ REF 70.805.015.01 and our coloring paste REF 70.699.200.XX.

REF	PU/kg
70.801.009.01	0.9
70.801.046.01	4.6





Application

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

Material

• Acrylic resin (PMMA)

Properties

- Combinable with all orthopedic reinforcement materials
- · Easy processing method
- Remains permanently flexible
- Thermoformable

Recommendation

Mix 100g resin with about 1-3 g hardener and approx. 3 g coloring paste. Please use our hardener REF 70.805.015.01 and our coloring paste REF 70.699.200.XX.

REF	PU/kg
70.805.009.01	0.9
70.805.046.01	4.6



70.804.0XX.01



Please use a maximum of 1.5 - 2 g hardener per 100 g epoxy resin, depending on room temperature, the number of reinforcement layers, the use of carbon materials (carbon fiber, braided stockinette, carbin fiber mats, carbon fiber tape), and especially when using black coloring paste.



Application

• Epoxy resin for lightweight, thin-walled and very strong components e.g. for the manufacture of orthoses

Material

• Epoxy resin

Properties

- Combinable with all orthopedic reinforcement materials
- No delamination
- Thermoformable to a limited degree
- Short curing period
- Especially suitable for the combination with carbon fibers
- The material is not cytotoxic (test certificate)

Recommendation

Mix $100 \, \mathrm{g}$ resin with about $1-3 \, \mathrm{g}$ hardener and approx. $3 \, \mathrm{g}$ coloring paste. Please use our hardener REF 70.805.015.01 and our coloring paste REF 70.699.200.XX.

REF	PU/kg
70.804.009.01	0.9
70.804.046.01	4.6

◆ DEGAPLAST® Acrylic Resins

Classic acrylic resins by Degaplast, for all orthopedic uses.

• DEGAPLAST® Laminating Resin 80 : 20 🗘 🚳

Application

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

Material

• Acrylic resin (PMMA)

Properties

- Combinable with all orthopedic reinforcement materials
- · Easy processing method
- Thermoformable

Recommendation

Mix 100 g resin with about 1-3 g hardener and approx. 3 g coloring paste. Please use our hardener REF 70.805.015.01 and our coloring paste REF 70.699.200.XX.

REF	PU/kg
70.062.005.00	4.6

• DEGAPLAST® C 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 very low viscosity

Properties

- Combinable with all orthopedic reinforcement materials
- · Easy processing method
- Thermoformable
- Very good coating of fibers within the lamination thanks to the resin's low viscosity
- Makes it possible to manufacture pieces with a low resin percentage

Recommendation

Mix 100 g resin with about 1-3 g hardener and approx. 3 g coloring paste. Please use our hardener REF 70.805.015.01 and our coloring paste REF 70.699.200.XX.

REF	PU/kg
70.649.005.00	4.6



70.062.005.00



70.649.005.00



70.060.005.00

• DEGAPLAST® Sealing Resin 🕩 🕸



Application

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

Material

• Acrylic resin (PMMA)

Properties

- Combinable with all orthopedic reinforcement materials
- Easy processing method
- Creates very strong adhesive bonds like e.g. rigid foam with wood
- Can be used as a putty when combined with filling material like e.g. glass fiber shreds REF 70.843.012.00

Recommendation

Mix 100g resin with about 1-3 g hardener and approx. 3 g coloring paste. Please use our hardener REF 70.805.015.01 and our coloring paste REF 70.699.200.XX.

REF	PU/kg
70.060.005.00	4.6



70.805.0XX.01

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









Application

• Hardener for all acrylic resins, our epoxy resin and some putties

Material

• Hardening powder

Properties

- Easy to mix with pouring resins and putties
- Easy to dose
- Decreases the flow characteristics of acrylic resins

REF	PU/g
70.805.015.01	150
70.805.050.01	500



74.005.001.00

◆ Talcum

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

• Pharmaceutical grade

REF	PU/kg
74.005.001.00	1



74.007.021.75

Measuring Spoon

Application

• For measuring hardening powder

Material

• Polystyrene

REF	Filling Capacity/ml	Filling Capacity/g	PU/Quantity
74.007.021.75	1.75	1.5	10



70.806.0XX.01

Resin Dye for Pouring Resins

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

• Hardener for all acrylic resins, except the epoxy sealing resin

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

PU/g

50

200

Application

70.806.005.01

70.806.020.01

Application

REF

• For coloring acrylic resins, epoxy resins and putties

· Color pigment paste

Properties

- Easy to mix with acrylic resins, epoxy resins, and putties
- · Easy to dose
- Easy to mix
- Vibrant colors
- Large selection of colors

REF	Color	PU/g
70.699.200.01	White	200
70.699.200.02	Skin-Colored	250
70.699.200.03	Black	200
70.699.200.04	Blue	200
70.699.200.05	Red	200



70.669.200.0X







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



74.007.001.0X

Mixing Cup with Scale

Application

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

Material

• Polypropylene

Properties

- Reusable
- With scale e.g. for our acrylic resins
- Individual sizes available

REF	Filling Capacity/ml	PU/Quantity
74.007.001.03	200	100
74.007.001.04	400	100



◆ Wooden Spatula, Long

Application

• Multi-purpose wooden spatula

Material

Wood

Properties

- Reusable
- Square shape allows for effective mixing on the bottom of the cup

REF	Dimensions L x W x H/mm	PU/Quantity
74.007.010.26	260 x 16 x 3	100



60.173.000.00

◆ Wooden Spatula

Application

• Multi-purpose wooden spatulas

Material

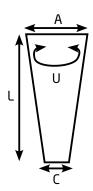
• Wood

- Reusable
- Flexible

REF	Dimensions L x W x H/mm	PU/Quantity
60.173.000.00	150 x 20 x 1,5	100



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)

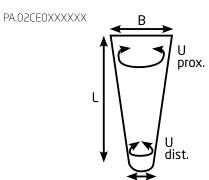
Properties

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

Measurements L, A, C, U see drawing

REF	Dimensions L x A x C/mm	U=Circum- ference/mm	Material Thick- ness/mm	PU/Qty
70.287.077.20	770 x 200 x 50	400	0.08	10
70.287.077.28	770 x 280 x 50	550	0.08	10
70.288.100.10	1000 x 100 x 50	200	0.1	10
70.288.100.13	1000 x 130 x 50	250	0.1	10
70.288.100.15	1000 x 150 x 50	300	0.1	10
70.288.100.18	1000 x 180 x 50	350	0.1	10
70.288.100.20	1000 x 200 x 50	400	0.1	10
70.288.100.28	1000 x 280 x 50	550	0.1	10
70.288.100.36	1000 x 360 x 50	700	0.1	10
70.288.130.18	1300 x 180 x 50	350	0.1	10
70.288.130.23	1300 x 230 x 50	450	0.1	10
70.288.130.26	1300 x 260 x 50	500	0.1	10
70.288.130.28	1300 x 280 x 50	550	0.1	10





◆ PVA Bags, with Closed Ends

Application

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

Material

• 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 welding seam
- Water soluble
- Sizes available for almost all amputation types

REF	Dimensions L x B x C/mm	Circum- ference proximal	Circum- ference distal	Material Thick- ness/mm	PU/ Qty
PA.02CE0060300	700×150×80	300	160	0.08	5
PA.02CE0080300	700 x 200 x 80	400	160	0.08	5
PA.02CE0080500	700 x 200 x 130	400	260	0.08	5
PA.02CE0100300	700 x 250 x 80	500	160	0.08	5
PA.02CE0100500	700×250×130	500	260	0.08	5
PA.02CE0100700	700 x 250 x 180	500	360	0.08	5
PA.02CE0120300	700 x 300 x 80	600	160	0.08	5
PA.02CE0120500	700×300×130	600	260	0.08	5
PA.02CE0120700	700 x 300 x 180	600	360	0.08	5
PA.02CE0140300	700 x 350 x 80	700	160	0.08	5
PA.02CE0140500	700×350×130	700	260	0.08	5
PA.02CE0140700	700×350×180	700	360	0.08	5







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





◆ PVC Film

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/m
72.000.821.10	1300	Crystal Clear/Shiny	0.12	min. 1
72.000.821.11	1400	Opaque/ Matte	0.12	min. 1

Original rolls with 200 m available upon request



70.220.0XX.25

◆ Fix Adhesive Tape

Application

• Adhesive tape for taping PVC films and many other purposes

Materia

• Soft PVC film coated with acrylic adhesive

Properties

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

REF	Length/m	Width/mm	Thickness/mm	PU/Rolls/Qty
70.220.038.25	25	38	0.10	1
70.220.050.25	25	50	0.10	1



70.222.000.00

◆ Vacuum Sealing Tape

Application

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

Material

• Synthetic rubber

- Temperature-resistant
- Easy to demold

REF	Dimensions L x W x H/mm	PU/Roll/Quantity
70.222.000.00	7620 x 12 x 3	1



◆ 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	Width/mm	PU
70.225.006.50	6	1 Roll = 50 m
70.225.019.50	19	1 Roll = 50 m



◆ Adhesive Foam Tape

Application

• For sealing and isolating during the thermoforming and laminating process

Material

• Foam coated with natural rubber adhesive

- Very good adhesion
- High-quality seal against e.g. water
- Adhesive on one side

REF	Dimensions W x H/mm	PU
70.224.019.10	19 x 4	1 Roll = 10 m
70.224.025.10	25 x 4	1 Roll = 10 m
70.224.050.10	50 x 4	1 Roll = 10 m





◆ 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	Width/mm	PU
70.226.019.50	19	1 Roll = 50 m

◆ 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	Width/mm	PU
70.221.019.00	19	1 Roll = 50 m
70.221.025.00	25	1 Roll = 50 m
70.221.050.00	50	1 Roll = 50 m



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	Width/mm	PU
70.223.025.50	25	1 Roll = 50 m



◆ Masking Tape, Heavily Creped

Application

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

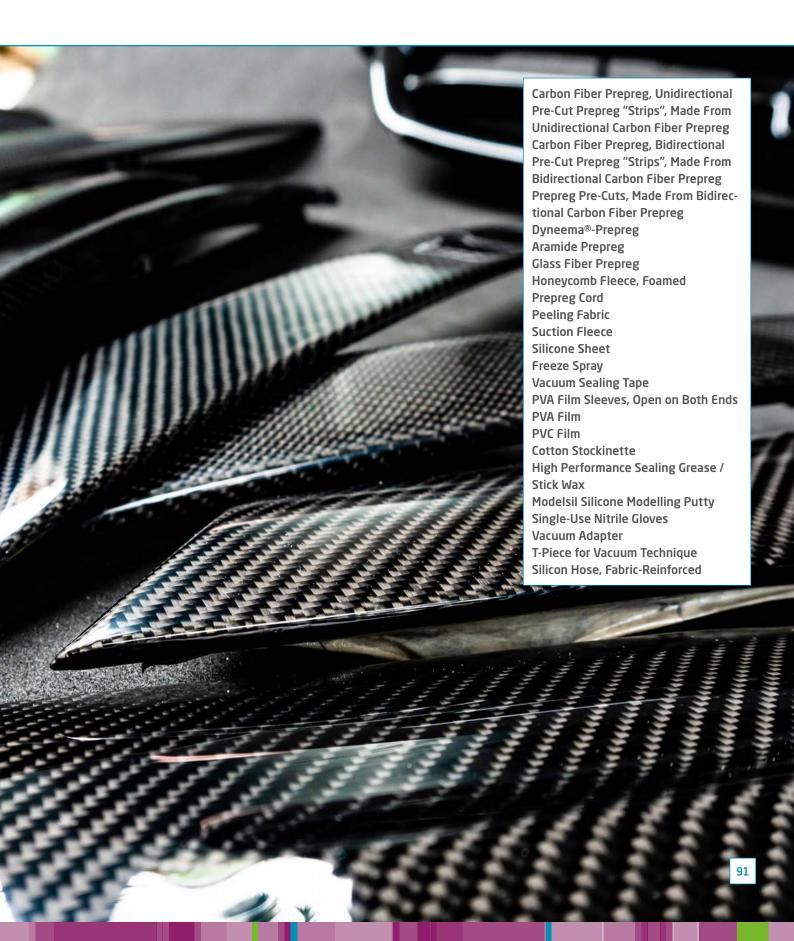
Material

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

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

REF	Width/mm	PU
70.223.125.50	25	1 Roll = 50 m

Prepreg Materials



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. Practical tip: place approx. 1.5-2cm 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 do not have to be damaged.

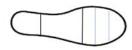
Direction of Application: e.g. Sole



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



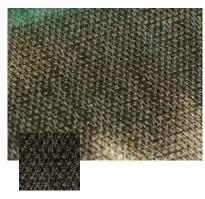
It is possible to cater to the users individual needs by adapting the design of the individual layers.

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 triggered 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.



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
- For the energy transmission of axial and circular forces

Material

• Carbon fiber pre-impregnated with epoxy resin

Properties

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

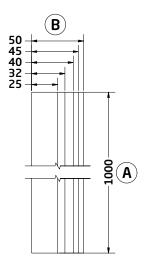
Storage

- 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	Width/mm	Weave Type	Surface Weight/g/m²	PU/m
72.000.804.01	1000	Unidirectional	410	1
72.000.804.03	1000	Unidirectional	410	3
72.000.804.05	1000	Unidirectional	410	5





◆ 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
- For 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
- Surface weight: 410 g/m²
- High tensile strength, very pressure resistant
- Easy to drape
- Resin content approx. 42 %

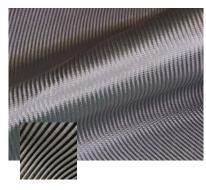
Storage

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



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
- Surface weight: 280 g/m²
- High tensile strength, very pressure resistant
- Resin content: approx. 42 %
- Suitable for surfaces

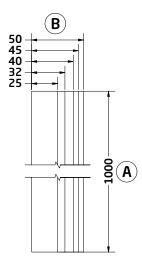
Storage

• 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	Width/mm	Weave Type	Surface Weight/g/m²	PU/m
72.000.805.01	1250	4:4 Twill Weave	280	1
72.000.805.03	1250	4:4 Twill Weave	280	3
72.000.805.05	1250	4:4 Twill Weave	280	5





◆ 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
- Surface weight: 280 g/m²
- High tensile strength, very pressure resistant
- Resin content: approx. 42 %
- Suitable for surfaces

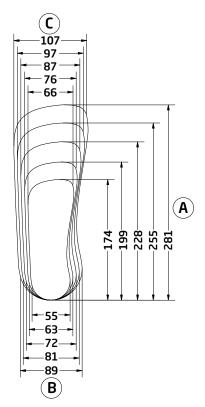
Storage

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







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
- Surface weight: 280 g/m²
- High tensile strength, very pressure resistant
- Resin content: approx. 42 %
- Suitable for surfaces

Storage

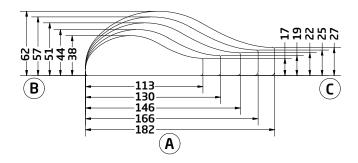
- Storage life: 12 months at -18 °C
- Storage life: 21 days at 21 °C max.

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/ Qty
72.000.850.01	XS	25-28	174	55	66	10
72.000.850.02	S	29-32	199	63	76	10
72.000.850.03	М	33-36	228	72	87	10
72.000.850.04	L	37-40	255	81	97	10
72.000.850.05	XL	41-44	281	89	107	10

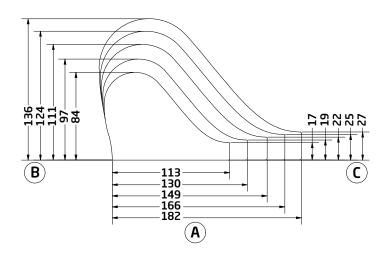




Lateral Upright, Short Version

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

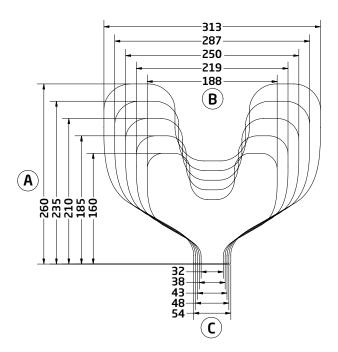
Please Note: To interrupt the cold chain as little as possible, prepreg materials are only shipped on Mondays, Tuesdays and Wednesdays.





Lateral Upright, Long Version

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





Calf Strap

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



72.000.801.01

◆ Dyneema®-Prepreg < ◆



Application

• For tabs and flexible edges

Material

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

Properties

- Bidirectional twill weave 4:4
- Surface weight: 160 g/m²
- Resin content: approx. 50 %
- Not suitable for load-bearing components

Storage

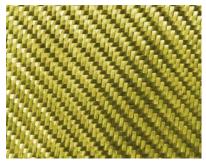
- Storage life: 12 months at -18 °C
- Storage life: 21 days at 21 °C max

Processing Recommendation

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

REF	Width/mm	Weave Type	Surface Weight/g/m²	PU/m
72.000.801.01	1270	2:2 Twill Weave	160	1

Please Note: To interrupt the cold chain as little as possible, prepreg materials are only shipped on Mondays, Tuesdays and Wednesdays.



72.000.802.01

◆ Aramide Prepreg < ♦</p>

Application

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

Material

• Kevlar®/aramide fibers pre-impregnated with epoxy resin

Properties

- Bidirectional twill weave 2:2
- Surface 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	Width/mm	Weave Type	Surface Weight/g/m²	PU/m
72.000.802.01	1200	2:2 Twill Weave	170	1



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

Processing Recommendation

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

REF	Width/mm	Weave Type	Surface Weigth/g/m ²	PU/m
72.000.803.01	1200	2:2 Twill Weave	190	1



72.000.821.06

◆ Honeycomb Fleece, Foamed < ♦</p>



Application

• Profile material for use with prepreg materials

Material

• Polyester fiber pre-impregnated with epoxy resin

Properties

- Surface 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	Width x Height/mm	Bond Type	Surface Weight/g/m ²	PU/m
72.000.821.06	1250 x 3	Foamed	170	1



72.000.821.XX





Application

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

Material

• PET cord covered with bidirectional carbon prepreg

Properties

- Surface 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	PU/m
72.000.821.04	approx. 1.0	5
72.000.821.05	approx. 3.0	5

Please Note: To interrupt the cold chain as little as possible, prepreg materials are only shipped on Mondays, Tuesdays and Wednesdays.



72.000.821.07

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

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

REF	Width Profile Material for Use with Prepreg Materials/mm	Thickness/mm	PU/m
72.000.821.07	1500	0.02	min. 1



◆ 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

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

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

REF	Width/mm	PU/m
72.000.821.08	1500	min. 1



◆ Silicone Sheet

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 x Width x Height/mm	Version	PU/Qty
72.000.821.01	920 x 920 x 0.08	Glossy	1
72.000.821.02	1000 x 1000 x 1	Matte	1



72.000.821.12



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

Aerosol spray

Properties

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

REF	Content/ml	PU/Quantity
72.000.821.12	400	1



◆ Vacuum Sealing Tape

Application

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

Material

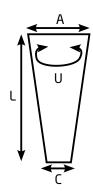
• Synthetic rubber

- Temperature-resistant
- Easy to demold

REF	Dimensions L x W x H/mm	PU/Qty
70.222.000.00	7620 x 12 x 3	1



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 welding seam
- Water soluble
- Sizes available for all orthesis types and amputation types

Measurements L, A, C, U see drawing

REF	Dimensions L x A x C/mm	U=Circum- ference/mm	Thickness/mm	PU/Qty
70.287.077.20	770 x 200 x 50	400	0.08	10
70.287.077.28	770 x 280 x 50	550	0.08	10
70.288.100.10	1000 x 100 x 50	200	0.1	10
70.288.100.13	1000 x 130 x 50	250	0.1	10
70.288.100.15	1000 x 150 x 50	300	0.1	10
70.288.100.18	1000 x 180 x 50	350	0.1	10
70.288.100.20	1000 x 200 x 50	400	0.1	10
70.288.100.28	1000 x 280 x 50	550	0.1	10
70.288.100.36	1000 x 360 x 50	700	0.1	10
70.288.130.18	1300 x 180 x 50	350	0.1	10
70.288.130.23	1300 x 230 x 50	450	0.1	10
70.288.130.26	1300 x 260 x 50	500	0.1	10
70.288.130.28	1300 x 280 x 50	550	0.1	10





Available in two material thicknesses (0.08 mm und 0.10 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	Roll Length/m	Material Thickness/mm	PU/ Roll
70.286.076.00	760	30	0.08	1
70.286.100.00	1000	30	0.08	1
70.286.130.00	1300	30	0.08	1
70.287.000.01	1300	30	0.1	1





Application

For working with epoxy resin and prepreg materials $% \left(1\right) =\left(1\right) \left(1\right) \left($

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

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

PU = Mininum order quantity: 1 m (only sold in whole running meters) Original rolls with 200 m available upon request



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	Width/mm	Length/m	Color	PU/kg
80.144.004.00	40	64	Off-White	1
80.144.006.00	60	47.6	Off-White	1
80.144.008.00	80	34.4	Off-White	1
80.144.010.00	100	27.7	Off-White	1
80.144.012.00	120	25.5	Off-White	1
80.144.015.00	150	19.2	Off-White	1
80.144.018.00	180	17.2	Off-White	1
80.144.020.00	200	14.9	Off-White	1
80.144.025.00	250	12.5	Off-White	1
80.144.030.00	300	10.0	Off-White	1
80.144.040.00	400	7.7	Off-White	1



74.003.001.02

21.992.000.10

◆ High Performance Sealing Grease / Stick 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

Properties

- High-temperature resistant
- Does not stain
- Tacky

REF	Content/g	Color	PU/Qty
21.992.000.10	5	Yellowish	1
74.003.001.02	425	Yellowish	1



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: skin-colored
- 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	Inhalt/kg	Color	Scope of Delivery	PU/Qty
72.000.821.03	2 x 1	Skin-Colored	Components $A + B$ each $1x$	1



◆ Single-Use Nitrile Gloves

Application

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

Material

• Nitrile rubber

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

REF	Size	Color	PU/Qty
60.412.060.00	S=6-7	Black	100 per Box
60.412.061.00	M=7-8	Black	100 per Box
60.412.062.00	L=8-9	Black	100 per Box
60.412.063.00	XL=9-10	Black	100 per Box



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/Quantity
72.000.830.01	6	1



72.000.830.0X

◆ T-Piece for Vacuum Technique

Application

• For the universal connection of suction hoses with different diameters

Material

• POM

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

REF	for Inner Diameter/mm	PU/Quantity
72.000.830.02	6 on all three openings	5
72.000.830.03	9 on all three openings	5



◆ Silicon Hose, Fabric-Reinforced

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
- Temperature resistant up to 300 °C max.
- Color: red
- Wall thickness: 3 mm

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

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

Reinforcement Materials





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 down flat
- For BK, AK, KAFO and AFOs
- Not pre-impregnated

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



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 down flat
- For AK, HKAFO and torsos
- Not pre-impregnated

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



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



80.145.0XX.00

Polyglass Stockinette

Application

• For the manufacture of laminates

Material

• 65 % fiberglass und 35 % polyester

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

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



80.139.0XX.00

◆ Fiberglass Stockinette (Modell BUFA)

Application

• For the manufacture of thin-walled laminates

Material

• 100 % fiberglass (glass fiber thread)

- Wide-meshed stockinette
- Extremely elastic

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



81.005.10X.00

◆ Polyester Stockinette

Fine texture.

Application

• For the manufacture of laminates

Material

• Polyester (PES)

Properties

- Fine-meshed stockinette
- Does not crease easily
- Very firm
- Creates a smooth surface
- Laminates produced with polyester stockinette can be thermoformed
- Very elastic

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



81.005.15X.00

◆ Polyester Stockinette

Dense texture.

Application

• For the manufacture of laminates

Material

• Polyester (PES)

- Fine-meshed stockinette
- Especially dense texture
- Does not crease easily
- Very firm
- Creates a smooth surface
- Laminates produced with polyester stockinette can be thermoformed
- Very elastic

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



80.141.0XX.00

Polyester Stockinette

Especially fine texture.

Application

• For the manufacture of laminates

Material

• Polyester (PES)

- Fine-meshed stockinette
- Dense texture
- Does not crease easily
- Very firm
- Creates a smooth surface
- Laminates produced with polyester stockinette can be thermoformed
- Very elastic

REF	Width/mm	Length/m	Color	PU/kg
80.141.006.00	60	49	White	1
80.141.008.00	80	36	White	1
80.141.010.00	100	31.5	White	1
80.141.012.00	120	27.5	White	1
80.141.015.00	150	23.3	White	1
80.141.020.00	200	17.5	White	1
80.141.025.00	250	12.8	White	1



80.138.0XX.00

◆ Perlon Stockinette

Application

• For the manufacture of laminates

Material

• Polyamide (PA)

- Fine-meshed stockinette
- Dense texture
- Does not crease easily
- Very firm
- Creates a smooth surface
- Laminates produced with polyester stockinette can be thermoformed
- Very elastic

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



80.136.0XX.00

◆ Elastic Perlon Stockinette

Application

• For the manufacture of laminates

Material

• Polyamide (PA)

- Fine-meshed stockinette
- Dense texture
- Does not crease easily
- Very firm
- Creates a smooth surface
- Extremely elastic to fit different in cirumferences
- Easy to shape

REF	Width/mm	Length/m	Color	PU/kg
80.136.006.00	60	66.6	White	1
80.136.008.00	80	52.6	White	1
80.136.010.00	100	43.7	White	1
80.136.012.00	120	37	White	1
80.136.015.00	150	27	White	1
80.136.020.00	200	20.0	White	1
80.136.025.00	250	16.4	White	1



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

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

REF	Width/mm	Length/m	Color	PU/kg
80.137.008.00	80	77	White	1
80.137.010.00	100	41.6	White	1
80.137.012.00	120	32.2	White	1
80.137.015.00	150	23.8	White	1



80.140.0XX.00

• Ruffled Nylon Stockinette, Skin-Colored

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	Width/mm	Length/m	Color	PU/kg
80.140.008.00	80	77	Skin-Colored	1
80.140.010.00	100	41.6	Skin-Colored	1
80.140.012.00	120	32.2	Skin-Colored	1
80.140.015.00	150	23.8	Skin-Colored	1



74.004.003.00

◆ Dacron Felt

Application

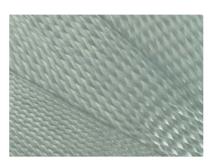
• Felt for padding reinforcements, e.g.on an ischial tuberosity supports etc.

Material

• Polyester

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

REF	Dimensions B x H/mm	Weight/g/m²	Color	PU
74.004.003.00	930 x3	190	White	1 m



72.000.00X.X0

◆ Braided Glass Fiber Sleeve

Application

• For the manufacture of thin-walled laminates

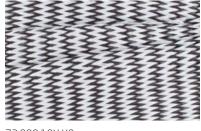
Material

• Glass fiber

Properties

- Braided
- Drapable
- High torsional strength in laminates

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



72.000.10X.X0

◆ Carbon Glass Fiber Sleeve Braided

Application

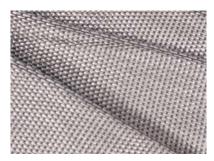
• For the manufacture of thin-walled laminates

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	Width/mm	Length/m	PU/kg
72.000.100.80	80	11	1
72.000.101.00	100	10	1



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



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	Width/mm	PU/m
72.000.300.20	20	10
72.000.300.80	80	10
72.000.301.00	100	10
72.000.301.50	150	10
72.000.302.00	200	10
72.000.310.20	20	25
72.000.310.80	80	25
72.000.311.00	100	25
72.000.311.50	150	25
72.000.312.00	200	25



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

REF	Width/mm	PU/m
70.542.000.00	80	1



Carbon Thread

Application

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

Material

• Carbon roving fibers

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

REF	PU/m
72.000.000.00	100





70.638.300.00



70.641.XXX.00

Carbon Fiber Tape

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
- Carbon fiber angle +/-45°

REF	Width/mm	Weight/g/m²	PU/m
70.643.100.00	100	205	10
70.638.300.00	300	245	10

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)
- Weft = glass fiber

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

REF	Width/mm	Weight/g/m ²	PU/m
70.641.025.00	25	205	10
70.641.050.00	50	205	10
70.641.075.00	75	205	10
70.641.100.00	100	205	10



70.640.6XX.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 6K (6000 filaments)
- Weft = glass fiber

Properties

- Good drapability
- Easy to shape thanks to glass fiber weft
- Very high surface weight

REF	Width/mm	Weight/g/m²	PU/m
70.640.628.00	28	290	10
70.640.645.00	45	285	10
70.640.675.00	75	290	10



70.640.802.00

Carbon Fiber Mat

Application

• For partial high-strength laminate reinforcements

Material

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

- Easy to drape
- Very smooth surface
- Very firm
- · Good resin absorption

REF	Width/mm	Weight/g/m ²	PU/m
70.640.802.00	1000	240	2



70.640.802.01

Carbon Fiber Mat

Application

• For partial high-strength laminate reinforcements

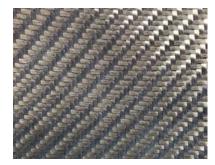
Material

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

Properties

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

REF	Width/mm	Weight/g/m²	PU/m
70.640.802.01	1200	240	2



70.640.802.02

◆ Carbon Fiber Mat, with Fiber Fixation

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 fiber fixation
- The fiber fixation does not affect resin absorption
- Good resin absorption
- · Little tendency to fray
- · Very smooth surface
- Very firm

REF	Width/mm	Weight/g/m ²	PU/m
70.640.802.02	1200	245	2



◆ 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	Width/mm	PU
70.225.006.50	6	1 Roll = 50 m
70.225.019.50	19	1 Roll = 50 m



◆ PVC Profile Bar

Application

• Suitable as a profile material for orthotic and prosthetic laminates

Material

• Polyvinyl chloride (PVC)

- Easy to grind
- Easy to thermoform at 80 $^{\circ}\text{C}$
- Lightweight

REF	Dimensions L x W x H/mm	PU/Quantity
74.004.001.00	1000 x 16 x 3	3

◆ Laminating Tube

Application

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

Materia

- 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/Qty
81.237.015.01	Astronaut	15	150	1
81.237.020.01	Astronaut	20	150	1



REF	Pattern	Width/cm	Length/cm	PU/Qty
81.237.015.02	Toy Bricks	15	150	1
81.237.020.02	Toy Bricks	20	150	1



REF	Pattern	Width/cm	Length/cm	PU/Qty
81.237.015.03	Emoji	15	150	1
81.237.020.03	Emoji	20	150	1



REF	Pattern	Width/cm	Length/cm	PU/Qty
81.237.015.04	Animals	15	150	1
81.237.020.04	Animals	20	150	1



REF	Pattern	Width/cm	Length/cm	PU/Qty
81.237.015.05	Cars	15	150	1
81.237.020.05	Cars	20	150	1



REF	Pattern	Width/cm	Length/cm	PU/Qty
81.237.015.06	Dino	15	150	1
81.237.020.06	Dino	20	150	1



REF	Pattern	Width/cm	Length/cm	PU/Qty
81.237.015.07	Hearts	15	150	1
81.237.020.07	Hearts	20	150	1











◆ Laminating Tube

REF	Pattern	Width/cm	Length/cm	PU/Qty
81.237.015.08	Wood	15	150	1
81.237.020.08	Wood	20	150	1

REF	Pattern	Width/cm	Length/cm	PU/Qty
81.237.015.09	Carbon	15	150	1
81.237.020.09	Carbon	20	150	1

REF	Pattern	Width/cm	Length/cm	PU/Qty
81.237.015.10	Water Drops	15	150	1
81.237.020.10	Water Drops	20	150	1

REF	Pattern	Width/cm	Length/cm	PU/Qty
81.237.015.11	Square	15	150	1
81.237.020.11	Square	20	150	1

REF	Pattern	Width/cm	Length/cm	PU/Qty
81.237.015.12	Wall	15	150	1
81.237.020.12	Wall	20	150	1

◆ Transfer Fabric/Laminating Fabric

Application

- Transfer fabric suitable for individually coloring plastics (PE, PP) , e.g. Eurolen, Eurodur, Subortholen and selected padding materials like Tepefom, Orthofoam and Plastazote
- Suitable as a decorative design layer on laminates or when working with prepreg materials

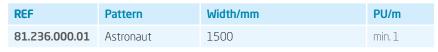
Material

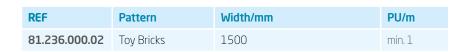
• High-quality fabric (80 % polyester, 20 % spandex) with heat-transfer print

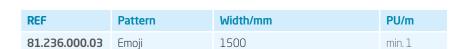
Properties

- The pattern will transfer after about 20-40 s from the transfer fabric 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/m
81.236.000.04	Animals	1500	min. 1

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

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

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







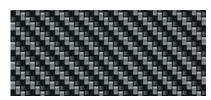


















◆ Transfer Fabric/Laminating Fabric

REF	Pattern	Width/mm	PU/m
81.236.000.08	Wood	1500	min. 1

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

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

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

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

◆ Transfer Fabric/Laminating Fabric Custom

Our production method makes it possible to manufacture small quantities of transfer papers / laminating fabrics with custom designs (company logos etc.) in small quantities.

To produce custom designs, we need you to supply us with

- CMYK color model
- Print file with min. 300 dpi

Before order placement you will receive a proofreading file for final approval.

Mininum order quantity: $10\,\mathrm{m}$ (only sold in whole running meters)

REF	Pattern	Width/mm	PU/m
81.236.000.99	Custom	1500	min. 10

Legal information concerning trademark protection: The motives and patterns submitted by you may not be protected by trademark or property rights of third parties. If you want to use trademark designs, it lies within your responsibility to attain the permission of use from the owner of the trademark.

In case an order is placed, the written permission of the owner of the trademark has to be on hand.

Plastering Technique





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
- Several layers of wrapping
- Easy to mold
- The plaster cast can quickly bear loads, and can be transported safely after 30 min
- Completely cured after 24 h

REF	Dimensions L x W/cm	PU/Quantity
74.001.020.80	300 x 8	10 in a Box
74.001.021.00	300 x 10	10 in a Box
74.001.021.20	300 x 12	10 in a Box
74.001.021.50	300 x 15	10 in a Box
74.001.022.00	300 x 20	10 in a Box



◆ 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	Dimensions L x W/cm	PU/Quantity
74.001.020.06	200 x 6	20
74.001.020.08	200 x 8	20
74.001.020.10	200 x 10	20
74.001.020.12	200 x 12	20
74.001.020.15	200 x 15	20
74.001.030.08	300 x 8	20
74.001.030.10	300 x 10	20
74.001.030.12	300 x 12	20
74.001.030.15	300 x 15	20
74.001.030.20*	300 x 20	10

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

^{*} There are always two plaster bandages packaged together. You will receive 5 packages per packing unit, this equals 10 plaster bandages.



74.001.025.XX

Biplatrix Plaster Bandage, Folded

Application

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

Material

• 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	Dimensions L x W/cm	PU
74.001.025.10	2500 x 10	1 Bandage, Folded 4 Times
74.001.025.12	2500 x 12	1 Bandage, Folded 4 Times
74.001.025.15	2500 x 15	1 Bandage, Folded 4 Times
74.001.025.20	2500 x 20	1 Bandage, Folded 4 Times



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

- Lightweight
- Air-permissible
- Radiotransparent
- Waterproof
- Very strong once cured
- $\bullet\hspace{0.4cm}$ Good adhesion e.g. on rigid foams, wood and thermoplastic materials

REF	Dimensions L x B/cm	Color	PU/Quantity
74.001.040.50	360 x 5	White	10
74.001.040.75	360 x 7.5	White	10
74.001.041.00	360 x 10	White	10



60.412.06X.00

◆ Single-Use Gloves Nitril

Application

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

Material

• Nitrile rubber

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

REF	Size	Color	PU/Quantity
60.412.060.00	S=6-7	Black	100 in a Box
60.412.061.00	M=7-8	Black	100 in a Box
60.412.062.00	L=8-9	Black	100 in a Box
60.412.063.00	XL=9-10	Black	100 in a Box



74.003.001.00

• Talkum • 1 kg

74.005.001.00



74.008.002.00

◆ Plaster Isolation Fluid

Application

• As a separating layer and for isolating body parts 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 also easily transferred
- Skin-friendly
- Pleasant smell

REF	PU/kg
74.003.001.00	1

◆ Talcum

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

• Pharmaceutical grade

REF	PU/kg
74.005.001.00	1

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	PU/kg
74.008.002.00	30



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	PU/kg
74.008.001.00	30



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	PU/I
74.008.003.00	0-4	50



Sanding Mesh

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/Quantity
75.001.001.06	125 x 115	60	10
75.001.001.10	125 x 115	100	10



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

PU = 1 St.

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



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

Properties

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

PU = 1 St.

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



◆ 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/Quantity
80.137.110.00	50	8	10



PA.0013X00

◆ Feather Stretch Stockinette

Application

- Suitable for producing plaster models e.g. for AFOs or KAFOs
- Suited as lining material/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)

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

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



PA.0013X00

◆ Feather Stretch Extra Stockinette

Application

- Suitable for producing plaster models e.g. for AFOs or KAFOs
- Suitable as lining material/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

- Exceptionally elastic
- Elasticity up to 750 % of original width when laid down flat
- For AK, HKAFOs and torsos
- Not pre-impregnated

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



80.144.0XX.00

Cotton Stockinette

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

Material

• 100 % cotton

- Elastic
- Knit in the round
- High level of lateral and longitudinal elasticity
- Adjusts well to anatomical shapes
- Wide selection of widths

REF	Width/mm	Length/m	Color	PU/kg
80.144.004.00	40	64	Off-White	1
80.144.006.00	60	47.6	Off-White	1
80.144.008.00	80	34.4	Off-White	1
80.144.010.00	100	27.7	Off-White	1
80.144.012.00	120	25.5	Off-White	1
80.144.015.00	150	19.2	Off-White	1
80.144.018.00	180	17.2	Off-White	1
80.144.020.00	200	14.9	Off-White	1
80.144.025.00	250	12.5	Off-White	1
80.144.030.00	300	10.0	Off-White	1
80.144.040.00	400	7.7	Off-White	1



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



80.605.0XX.00

Cotton Stockinette

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



60.414.00x.00/60.417.00x.00

Plaster Shirts

• Plaster Shirts, for Adults

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/Quantity
60.414.002.00	S	86	1
60.414.003.00	М	93	1
60.414.004.00	L	100	1

• Plaster Shirts, for Adults

With ¼-sleeve and collar, long version.

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/Quantity
60.417.002.00	S	106	1
60.417.003.00	М	113	1
60.417.004.00	L	120	1



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/Quantity
60.415.104.00	104	60	1
60.415.128.00	128	70	1
60.415.152.00	152	78	1

Joining and Fastening Materials





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

REF	Width/mm	Color	PU
80.495.202.10	20	White	10 m = 1 Roll
80.495.202.25	20	White	25 m = 1 Roll
80.495.201.10	20	Skin-Colored	10 m = 1 Roll
80.495.201.25	20	Skin-Colored	25 m = 1 Roll
80.495.203.10	20	Yellow	10 m = 1 Roll
80.495.203.25	20	Yellow	25 m = 1 Roll
80.495.204.10	20	Red	10 m = 1 Roll
80.495.204.25	20	Red	25 m = 1 Roll
80.495.205.10	20	Blue	10 m = 1 Roll
80.495.205.25	20	Blue	25 m = 1 Roll
80.495.207.10	20	Black	10 m = 1 Roll
80.495.207.25	20	Black	25 m = 1 Roll
80.495.252.10	25	White	10 m = 1 Roll
80.495.252.25	25	White	25 m = 1 Roll
80.495.251.10	25	Skin-Colored	10 m = 1 Roll
80.495.251.25	25	Skin-Colored	25 m = 1 Roll
80.495.253.10	25	Yellow	10 m = 1 Roll
80.495.253.25	25	Yellow	25 m = 1 Roll
80.495.254.10	25	Red	10 m = 1 Roll
80.495.254.25	25	Red	25 m = 1 Roll
80.495.255.10	25	Blue	10 m = 1 Roll
80.495.255.25	25	Blue	25 m = 1 Roll
80.495.257.10	25	Black	10 m = 1 Roll
80.495.257.25	25	Black	25 m = 1 Roll
80.495.302.10	30	White	10 m = 1 Roll
80.495.302.25	30	White	25 m = 1 Roll
80.495.301.10	30	Skin-Colored	10 m = 1 Roll



80.495.XXX.XX

REF	Width/mm	Color	PU
80.495.301.25	30	Skin-Colored	25 m = 1 Roll
80.495.303.10	30	Yellow	10 m = 1 Roll
80.495.303.25	30	Yellow	25 m = 1 Roll
80.495.304.10	30	Red	10 m = 1 Roll
80.495.304.25	30	Red	25 m = 1 Roll
80.495.305.10	30	Blue	10 m = 1 Roll
80.495.305.25	30	Blue	25 m = 1 Roll
80.495.307.10	30	Black	10 m = 1 Roll
80.495.307.25	30	Black	25 m = 1 Roll
80.495.382.10	38	White	10 m = 1 Roll
80.495.382.25	38	White	25 m = 1 Roll
80.495.381.10	38	Skin-Colored	10 m = 1 Roll
80.495.381.25	38	Skin-Colored	25 m = 1 Roll
80.495.383.10	38	Yellow	10 m = 1 Roll
80.495.383.25	38	Yellow	25 m = 1 Roll
80.495.384.10	38	Red	10 m = 1 Roll
80.495.384.25	38	Red	25 m = 1 Roll
80.495.385.10	38	Blue	10 m = 1 Roll
80.495.385.25	38	Blue	25 m = 1 Roll
80.495.387.10	38	Black	10 m = 1 Roll
80.495.387.25	38	Black	25 m = 1 Roll
80.495.502.10	50	White	10 m = 1 Roll
80.495.502.25	50	White	25 m = 1 Roll
80.495.501.10	50	Skin-Colored	10 m = 1 Roll
80.495.501.25	50	Skin-Colored	25 m = 1 Roll
80.495.503.10	50	Yellow	10 m = 1 Roll
80.495.503.25	50	Yellow	25 m = 1 Roll
80.495.504.10	50	Red	10 m = 1 Roll
80.495.504.25	50	Red	25 m = 1 Roll
80.495.505.10	50	Blue	10 m = 1 Roll
80.495.505.25	50	Blue	25 m = 1 Roll
80.495.507.10	50	Black	10 m = 1 Roll
80.495.507.25	50	Black	25 m = 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	Color	PU
80.494.202.10	20	White	10 m = 1 Roll
80.494.202.25	20	White	25 m = 1 Roll
80.494.201.10	20	Skin-Colored	10 m = 1 Roll
80.494.201.25	20	Skin-Colored	25 m = 1 Roll
80.494.203.10	20	Yellow	10 m = 1 Roll
80.494.203.25	20	Yellow	25 m = 1 Roll
80.494.204.10	20	Red	10 m = 1 Roll
80.494.204.25	20	Red	25 m = 1 Roll
80.494.205.10	20	Blue	10 m = 1 Roll
80.494.205.25	20	Blue	25 m = 1 Roll
80.494.207.10	20	Black	10 m = 1 Roll
80.494.207.25	20	Black	25 m = 1 Roll
80.494.252.10	25	White	10 m = 1 Roll
80.494.252.25	25	White	25 m = 1 Roll
80.494.251.10	25	Skin-Colored	10 m = 1 Roll
80.494.251.25	25	Skin-Colored	25 m = 1 Roll
80.494.253.10	25	Yellow	10 m = 1 Roll
80.494.253.25	25	Yellow	25 m = 1 Roll
80.494.254.10	25	Red	10 m = 1 Roll
80.494.254.25	25	Red	25 m = 1 Roll
80.494.255.10	25	Blue	10 m = 1 Roll
80.494.255.25	25	Blue	25 m = 1 Roll
80.494.257.10	25	Black	10 m = 1 Roll
80.494.257.25	25	Black	25 m = 1 Roll
80.494.302.10	30	White	10 m = 1 Roll
80.494.302.25	30	White	25 m = 1 Roll
80.494.301.10	30	Skin-Colored	10 m = 1 Roll



80.494.XXX.XX

REF	Width/mm	Color	PU
80.494.301.25	30	Skin-Colored	25 m = 1 Roll
80.494.303.10	30	Yellow	10 m = 1 Roll
80.494.303.25	30	Yellow	25 m = 1 Roll
80.494.304.10	30	Red	10 m = 1 Roll
80.494.304.25	30	Red	25 m = 1 Roll
80.494.305.10	30	Blue	10 m = 1 Roll
80.494.305.25	30	Blue	25 m = 1 Roll
80.494.307.10	30	Black	10 m = 1 Roll
80.494.307.25	30	Black	25 m = 1 Roll
80.494.382.10	38	White	10 m = 1 Roll
80.494.382.25	38	White	25 m = 1 Roll
80.494.381.10	38	Skin-Colored	10 m = 1 Roll
80.494.381.25	38	Skin-Colored	25 m = 1 Roll
80.494.383.10	38	Yellow	10 m = 1 Roll
80.494.383.25	38	Yellow	25 m = 1 Roll
80.494.384.10	38	Red	10 m = 1 Roll
80.494.384.25	38	Red	25 m = 1 Roll
80.494.385.10	38	Blue	10 m = 1 Roll
80.494.385.25	38	Blue	25 m = 1 Roll
80.494.387.10	38	Black	10 m = 1 Roll
80.494.387.25	38	Black	25 m = 1 Roll
80.494.502.10	50	White	10 m = 1 Roll
80.494.502.25	50	White	25 m = 1 Roll
80.494.501.10	50	Skin-Colored	10 m = 1 Roll
80.494.501.25	50	Skin-Colored	25 m = 1 Roll
80.494.503.10	50	Yellow	10 m = 1 Roll
80.494.503.25	50	Yellow	25 m = 1 Roll
80.494.504.10	50	Red	10 m = 1 Roll
80.494.504.25	50	Red	25 m = 1 Roll
80.494.505.10	50	Blue	10 m = 1 Roll
80.494.505.25	50	Blue	25 m = 1 Roll
80.494.507.10	50	Black	10 m = 1 Roll
80.494.507.25	50	Black	25 m = 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	Color	PU
80.500.202.05	20	White	5 m = 1 Roll
80.500.202.25	20	White	25 m = 1 Roll
80.500.201.05	20	Skin-Colored	5 m = 1 Roll
80.500.201.25	20	Skin-Colored	25 m = 1 Roll
80.500.207.05	20	Black	5 m = 1 Roll
80.500.207.25	20	Black	25 m = 1 Roll
80.500.252.05	25	White	5 m = 1 Roll
80.500.252.25	25	White	25 m = 1 Roll
80.500.251.05	25	Skin-Colored	5 m = 1 Roll
80.500.251.25	25	Skin-Colored	25 m = 1 Roll
80.500.257.05	25	Black	5 m = 1 Roll
80.500.257.25	25	Black	25 m = 1 Roll
80.500.302.05	30	White	5 m = 1 Roll
80.500.302.25	30	White	25 m = 1 Roll
80.500.301.05	30	Skin-Colored	5 m = 1 Roll
80.500.301.25	30	Skin-Colored	25 m = 1 Roll
80.500.307.05	30	Black	5 m = 1 Roll
80.500.307.25	30	Black	25 m = 1 Roll
80.500.382.05	38	White	5 m = 1 Roll
80.500.382.25	38	White	25 m = 1 Roll
80.500.381.05	38	Skin-Colored	5 m = 1 Roll
80.500.381.25	38	Skin-Colored	25 m = 1 Roll
80.500.387.05	38	Black	5 m = 1 Roll
80.500.387.25	38	Black	25 m = 1 Roll
80.500.502.05	50	White	5 m = 1 Roll
80.500.502.25	50	White	25 m = 1 Roll
80.500.501.05	50	Skin-Colored	5 m = 1 Roll
80.500.501.25	50	Skin-Colored	25 m = 1 Roll
80.500.507.05	50	Black	5 m = 1 Roll
80.500.507.25	50	Black	25 m = 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	Color	PU
80.501.202.05	20	White	5 m = 1 Roll
80.501.202.25	20	White	25 m = 1 Roll
80.501.201.05	20	Skin-Colored	5 m = 1 Roll
80.501.201.25	20	Skin-Colored	25 m = 1 Roll
80.501.207.05	20	Black	5 m = 1 Roll
80.501.207.25	20	Black	25 m = 1 Roll
80.501.252.05	25	White	5 m = 1 Roll
80.501.252.25	25	White	25 m = 1 Roll
80.501.251.05	25	Skin-Colored	5 m = 1 Roll
80.501.251.25	25	Skin-Colored	25 m = 1 Roll
80.501.257.05	25	Black	5 m = 1 Roll
80.501.257.25	25	Black	25 m = 1 Roll
80.501.302.05	30	White	5 m = 1 Roll
80.501.302.25	30	White	25 m = 1 Roll
80.501.301.05	30	Skin-Colored	5 m = 1 Roll
80.501.301.25	30	Skin-Colored	25 m = 1 Roll
80.501.307.05	30	Black	5 m = 1 Roll
80.501.307.25	30	Black	25 m = 1 Roll
80.501.382.05	38	White	5 m = 1 Roll
80.501.382.25	38	White	25 m = 1 Roll
80.501.381.05	38	Skin-Colored	5 m = 1 Roll
80.501.381.25	38	Skin-Colored	25 m = 1 Roll
80.501.387.05	38	Black	5 m = 1 Roll
80.501.387.25	38	Black	25 m = 1 Roll
80.501.502.05	50	White	5 m = 1 Roll
80.501.502.25	50	White	25 m = 1 Roll
80.501.501.05	50	Skin-Colored	5 m = 1 Roll
80.501.501.25	50	Skin-Colored	25 m = 1 Roll
80.501.507.05	50	Black	5 m = 1 Roll
80.501.507.25	50	Black	25 m = 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	Color	PU
80.497.302.05	30	White	5 m = 1 Roll
80.497.302.25	30	White	25 m = 1 Roll
80.497.301.05	30	Skin-Colored	5 m = 1 Roll
80.497.301.25	30	Skin-Colored	25 m = 1 Roll
80.497.307.05	30	Black	5 m = 1 Roll
80.497.307.25	30	Black	25 m = 1 Roll
80.497.502.05	50	White	5 m = 1 Roll
80.497.502.25	50	White	25 m = 1 Roll
80.497.501.05	50	Skin-Colored	5 m = 1 Roll
80.497.501.25	50	Skin-Colored	25 m = 1 Roll
80.497.507.05	50	Black	5 m = 1 Roll
80.497.507.25	50	Black	25 m = 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	Color	PU
80.498.302.05	30	White	5 m = 1 Roll
80.498.302.25	30	White	25 m = 1 Roll
80.498.301.05	30	Skin-Colored	5 m = 1 Roll
80.498.301.25	30	Skin-Colored	25 m = 1 Roll
80.498.307.05	30	Black	5 m = 1 Roll
80.498.307.25	30	Black	25 m = 1 Roll
80.498.502.05	50	White	5 m = 1 Roll
80.498.502.25	50	White	25 m = 1 Roll
80.498.501.05	50	Skin-Colored	5 m = 1 Roll
80.498.501.25	50	Skin-Colored	25 m = 1 Roll
80.498.507.05	50	Black	5 m = 1 Roll
80.498.507.25	50	Black	25 m = 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	Color	PU
80.499.202.05	20	White	5 m = 1 Roll
80.499.202.25	20	White	25 m = 1 Roll
80.499.201.05	20	Skin-Colored	5 m = 1 Roll
80.499.201.25	20	Skin-Colored	25 m = 1 Roll
80.499.207.05	20	Black	5 m = 1 Roll
80.499.207.25	20	Black	25 m = 1 Roll
80.499.302.05	30	White	5 m = 1 Roll
80.499.302.25	30	White	25 m = 1 Roll
80.499.301.05	30	Skin-Colored	5 m = 1 Roll
80.499.301.25	30	Skin-Colored	25 m = 1 Roll
80.499.307.05	30	Black	5 m = 1 Roll
80.499.307.25	30	Black	25 m = 1 Roll
80.499.502.05	50	White	5 m = 1 Roll
80.499.502.25	50	White	25 m = 1 Roll
80.499.501.05	50	Skin-Colored	5 m = 1 Roll
80.499.501.25	50	Skin-Colored	25 m = 1 Roll
80.499.507.05	50	Black	5 m = 1 Roll
80.499.507.25	50	Black	25 m = 1 Roll





◆ Hook-and-Loop Tape, "2 in 1"

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
- Does not add bulk, thin material
- 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 m

REF	Breite/mm	Color	PU
80.496.302.05	30	White	5 m = 1 Roll
80.496.302.25	30	White	25 m = 1 Roll
80.496.307.05	30	Black	5 m = 1 Roll
80.496.307.25	30	Black	25 m = 1 Roll
80.496.502.05	50	White	5 m = 1 Roll
80.496.502.25	50	White	25 m = 1 Roll
80.496.507.05	50	Black	5 m = 1 Roll
80.496.507.25	50	Black	25 m = 1 Roll



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



REF	Width/mm	Color	PU
80.490.307.10	30	Black	10 m = 1 Roll
80.490.307.25	30	Black	25 m = 1 Roll
80.490.307.50	30	Black	50 m = 1 Roll
80.490.302.10	30	White	10 m = 1 Roll
80.490.302.25	30	White	25 m = 1 Roll
80.490.302.50	30	White	50 m = 1 Roll
80.490.505.10	50	Blue	10 m = 1 Roll
80.490.505.25	50	Blue	25 m = 1 Roll
80.490.505.50	50	Blue	50 m = 1 Roll
80.490.504.10	50	Red	10 m = 1 Roll
80.490.504.25	50	Red	25 m = 1 Roll
80.490.504.50	50	Red	50 m = 1 Roll
80.490.507.10	50	Black	10 m = 1 Roll
80.490.507.25	50	Black	25 m = 1 Roll
80.490.507.50	50	Black	50 m = 1 Roll
80.490.502.10	50	White	10 m = 1 Roll
80.490.502.25	50	White	25 m = 1 Roll
80.490.502.50	50	White	50 m = 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/Quantity
80.476.022.00	22	Black	Hook Dot	10
80.476.033.00	33	White	Hook Dot	10



70.050.001.XX

◆ Y-Shaped Hook-and-Loop Strap

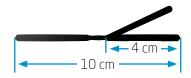
Application

• 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, 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 (6 cm) will also attach to loop material



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



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/Quantity
80.678.000.18	18	1.8	100
80.678.000.20	20	1.8	100
80.678.000.25	25	2.0	100
80.678.000.30	30	2.0	100
80.678.000.35	35	2.0	100
80.678.000.45	45	2.4	100
80.678.000.50	50	2.6	100



• 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/Quantity
80.678.001.20	20	2.0	100
80.678.001.25	25	2.4	100
80.678.001.30	30	2.5	100
80.678.001.35	35	2.5	100
80.678.001.40	40	3.0	100
80.678.001.45	45	3.0	100
80.678.001.50	50	3.0	100



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/Quantity
80.678.002.30	30	2.0	100
80.678.002.35	35	2.0	100
80.678.002.45	45	2.4	100
80.678.002.50	50	2.6	100



◆ Plastic Loop

Application

• Strap loop for strap connections

Material

Plastic

Properties

• Robust design

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



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/Qty
80.680.008.35	35	Natural-Colored	4	20
80.680.008.50	50	Natural-Colored	4	20





◆ Plastic Loop with Riveting Tab

Application

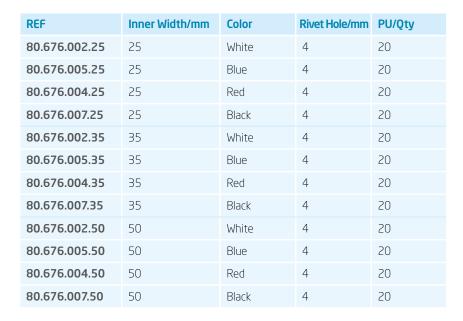
• Loop strap for strap connections

Material

Plastic

Properties

• With riveting tab





80.676.00X.35



80.676.00X.50



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/Qty
80.677.002.20	20	White	4	20
80.677.005.20	20	Blue	4	20
80.677.004.20	20	Red	4	20
80.677.007.20	20	Black	4	20
80.677.002.25	25	White	4	20
80.677.005.25	25	Blue	4	20
80.677.004.25	25	Red	4	20
80.677.007.25	25	Black	4	20
80.677.002.30	30	White	4	20
80.677.005.30	30	Blue	4	20
80.677.004.30	30	Red	4	20
80.677.007.30	30	Black	4	20
80.677.002.35	35	White	4	20
80.677.005.35	35	Blue	4	20
80.677.004.35	35	Red	4	20
80.677.007.35	35	Black	4	20
80.677.002.50	50	White	4	20
80.677.005.50	50	Blue	4	20
80.677.004.50	50	Red	4	20
80.677.007.50	50	Black	4	20

◆ Strap Loop

• Strap Loop with Riveting Tab

Application

• Strap loop for strap connections

Material

Plastic

Properties

• With riveting tab

REF	Inner Width/mm	Color	Rivet Hole/mm	PU/Qty
80.418.030.00	30	White	4	1



80.418.030.00



80.892.000.00

• Strap Loop with Riveting Tab

Application

• Strap loop for strap connections

Material

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

Properties

• With riveting tab

REF	Inner Width/mm	Color	Rivet Hole/mm	PU/Qty
80.892.000.00	50	White	4	1



42.900.001.00

• 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 Widthmm	Color	Rivet Hole/mm	PU/Qty
42.900.001.00	40	Gray	6.7	1



22.519.040.00

Strap Loop

Application

- Strap loop for strap connections
- Also suited as a pull ring thanks to its shape ("D-shape")

Material

Plastic

Properties

• Robust design

REF	Inner Width/mm	Color	PU/Qty
22.519.040.00	35	Black	1



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/Qty
70.114.000.00	10	White	1

• Buckle, Lateral

Application

 $\bullet \quad \text{Two-part system for closing length-adjustable strap systems e.g. on orthoses for children}\\$

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/Qty
80.674.020.00	20	White	1



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/Qty
80.676.039.00	35	Black	1



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/Qty
70.113.001.01	35	Black	1





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 on its side
- Robust and durable
- Color: black

REF	Length/ mm	Width/ mm	Height/ mm	Inner Width/ mm	Weight/	Max. Load/kg	PU/ Qty
80.675.001.40	58	47	15	40	30	40	1



80.675.002.X0

• BUCKLE Magnetic Fastener

Application

- Magnetic fastener with locking mechanism
- $\bullet \quad \mathsf{Two-part} \ \mathsf{system} \ \mathsf{for} \ \mathsf{closing} \ \mathsf{length-adjustable} \ \mathsf{strap} \ \mathsf{systems} \ \mathsf{e.g.} \ \mathsf{on} \ \mathsf{orthoses} \\$

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
- Color: black

REF	Length/ mm	Width/ mm	Height/ mm	Inner Width/ mm	Weight/	Max. Load/kg	PU/ Qty
80.675.002.20	46	22	12	20	15	55	1
80.675.002.30	62	42	10	30	21	45	1
80.675.002.40	74	49	10	40	25	40	1





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

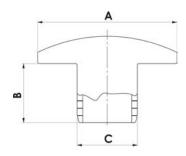
• Plastic with integrated magnets

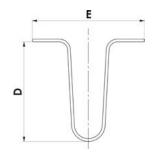
- Automatic and secure locking through magnetic pull
- Easy to open by pulling the zipper
- Robust and durable
- Color: black

REF	Length/ mm	Width/ mm	Height/ mm		Weight/	Max. Load/kg	PU/ Qty
80.675.003.25	72	34	13	25	22	70	1
80.675.003.40	80	49	13.5	40	26	70	1



70.092.0XX.00





◆ Tubular Rivets

Application

• Rivets for fastening tabs and straps

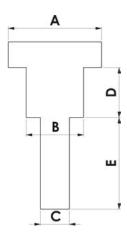
Material

• Brass with white bronze coating

- Nickel free
- Closed top part, open bottom part

REF	Top Part A x B x C/mm	Bottom Part D x E/mm	PU/Quantity
70.092.005.00	6 x 3 x 3.3	6.5 x 6.5	100 Pieces Each of Top and Bottom Part
70.092.010.00	9 x 3.5 x 4	9 x 8	100 Pieces Each of Top and Bottom Part
70.092.013.00	13 x 4 x 4	11.5 x 11.5	100 Pieces Each of Top and Bottom Part







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 button, B = diameter of lug, C = dlameter of rivet pin D = height of lug, E = length of rivet pin

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

◆ 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	Thread x Disk Circumference x Height/mm	PU/Quantity
70.118.000.00	M4 x 15 x 4.8	1



70.117.404.00



70.117.514.00



70.118.400.10



70.118.400.20

Hessing Screw

Application

• For fastening purposes for orthopedic applications

Material

• Galvanized steel

REF	Thread x Diameter Screw Head x Length/mm	PU/Quantity
70.117.404.00	M4 x 7 x 4	1
70.117.514.00	M5 x 12 x14	1

◆ Flat Head Cap Screw with Hexagonal Socket

Application

• For universal fastening purposes

Material

• Stainless steel

Properties

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

REF	Thread x Thread Length x Diameter Head/mm	PU/Qty
70.118.400.10	M4x7x8	20

Press Nut

Application

• For universal fastening purposes

Material

• Stainless steel

Properties

• Knurled lug for a secure connection

REF	Thread x Diameter Head x Diameter Lug x Total Height mm	PU/Qty
70.118.400.20	M4x10x5x3.6	20



Slotted Screw

Application

 $\bullet~$ Screws for connecting brace bars during a fitting when used together with Winged Nut REF 70.117.600.00 .

Material

• Galvanized steel

Properties

• Slotted lens head screw

REF	Thread x Length	PU/Quantity
70.117.600.01	M3 x 16	100



70.117.600.00

◆ Winged Nut

Application

- For connecting brace bars during a fitting when used together with Slotted Screws REF 70.117.600.01

Material

• Galvanized steel

Properties

• Winged nut

REF	Thread	PU/Quantity
70.117.600.00	МЗ	100



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	Flexion Degree	Length/mm	Size	PU
21.520.001.00	Straight	32	S	2 Pcs. = 1 Pair
21.520.002.00	Straight	38	М	2 Pcs. = 1 Pair
21.520.003.00	Straight	45	L	2 Pcs. = 1 Pair
21.520.011.00	75°	32	S	2 Pcs. = 1 Pair
21.520.012.00	75°	38	М	2 Pcs. = 1 Pair
21.520.013.00	75°	45	L	2 Pcs. = 1 Pair
21.520.021.00	85°	32	S	2 Pcs. = 1 Pair
21.520.022.00	85°	38	М	2 Pcs. = 1 Pair
21.520.023.00	85°	45	L	2 Pcs. = 1 Pair
21.520.031.00	95°	32	S	2 Pcs. = 1 Pair
21.520.032.00	95°	38	М	2 Pcs. = 1 Pair
21.520.033.00	95°	45	L	2 Pcs. = 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	2 Pcs. = 1 Pair
21.520.042.00	38	М	2 Pcs. = 1 Pair
21.520.043.00	45	L	2 Pcs. = 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/Qty
21.520.016.00	M 3.5 x 8	M 3.5	S	10
21.520.017.00	M4x9	M 4	M & L	10



21.520.018.00

Dorsal Stop Kit for Flex-Joint

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 Set

Adhesives and Lubricants





70.644.400.00



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

Properties

- 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
- No discoloration, no corrugation, does not bleed through

REF	PU/ml
70.644.400.00	400



70.644.401.00



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

- Permanent bond, adhesive can be applied on one or two sides
- UV-resistant and non-ageing
- Adjustable spray pattern
- No discoloration, no corrugation, does not bleed through
- Color: off-white

REF	PU/ml
70.644.401.00	400



70.644.500.01



70.678.020.00



Application

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

Material

• Aerosol adhesive

Properties

- Strong adhesion
- Flash-off time between 2–5 min, the glued connection can be corrected within this time
- Color: whitish-transparent
- Temperature resistant up to 50 °C

REF	PU/ml
70.644.500.01	500





Application

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

Material

• Contact adhesive containing polychloroprene

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

REF	Content/kg	PU
70.678.020.00	0.856	1 Tin
70.678.004.00	4.0	1 Canister



70.562.000.00

◆ Neoprene Adhesive



Application

• For glueing foamed neoprene

Material

• Neoprene contact adhesive containing polychloroprene

Properties

- Color: Black
- Strong elastic bond

REF	Content/ml	PU
70.562.000.00	100	1 Tln



74.006.001.00

◆ Acetone ﴿ ﴾



Application

• Solvent and cleaning agent

Material

• Acetone-based solvent

Properties

Chemically pure

REF	Content/I	PU
74.006.001.00	1	1 Tin





FT.1ML

FT.60SL



◆ PLUSeries Adhesive ◆ ◆



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	Skin-Colored	1 Cartridge Incl. 2 Mixing Tips
FT.1ML50	50	Black	1 Cartridge Incl. 2 Mixing Tips
FT.60SL	220	Skin-Colored	1 Cartridge Incl. 2 Mixing Tips
FT.1ML	220	Black	1 Cartridge Incl. 2 Mixing Tips

PLUSeries Dispensing Gun

REF	Application	PU/Quantity
FT.G50	for 50 ml Cartridges	1
FT.G220	for 220 ml Cartridges	1

PLUSeries Mixing Tips

REF	Mixing Tips	PU/Quantity
FT.127226	for Cartridge Size 50 ml	6
70.678.900.01	for Cartridge Size 50 ml	50
FT.127216	for Cartridge Size 220 ml	6
70.678.900.00	for Cartridge Size 220 ml	50



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

Properties

- Color component A (exterior layer): light gray
- Color component B (inner layer): dark gray
- 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/Quantity
70.820.114.00	114	Anthracite	1



74.003.001.02

21.992.000.10

◆ High Performance Sealing Grease / Stick Wax

Application

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

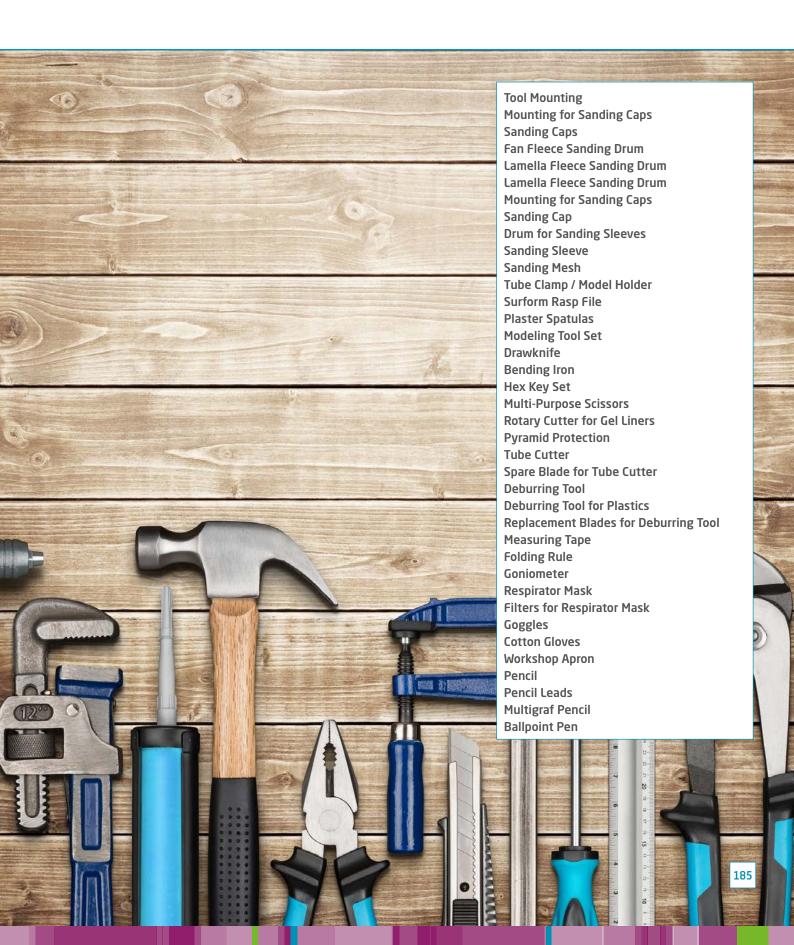
Material

• Mixed solid-lubricate waxes

- High-temperature resistant
- Does not stain
- Tacky

REF	Content/g	Color	PU/Quantity
21.992.000.10	5	Yellowish	1
74.003.001.02	425	Yellowish	1

Tools and Sanding Materials





74.104.011.9X

74.104.00X.00





◆ Tool Mounting

Application

• For mounting various bases for sanding caps and fleece sanding drums

Properties

- Connection thread to cap mounting M6
- Connection thread to socket router M16 or 5/8"

REF		Connection Thread to Cap Mounting	PU/Quantity
74.104.011.90	M16	M6	1
74.104.011.91	5/8"	M6	1

Mounting for Sanding Caps

Application

• For mounting the 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/Quantity
74.104.001.00	25	11	M6	1
74.104.002.00	32	16	M6	1
74.104.003.00	40	21	M6	1

Sanding Caps

Application

• For various sanding purposes

Properties

• Available with two grit levels

REF	Length/ mm	Diameter/mm	Grit	For Mounting	PU/ Qty
74.104.001.06	25	11	60	74.104.001.00	10
74.104.001.15	25	11	150	74.104.001.00	10
74.104.002.06	32	16	60	74.104.002.00	10
74.104.002.15	32	16	150	74.104.002.00	10
74.104.003.06	40	21	60	74.104.003.00	10
74.104.003.15	40	21	150	74.104.003.00	10



◆ Fan Fleece Sanding Drum

Application

• For precision-grinding 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/Qty
74.104.010.00	50	60	M6	180	1



◆ 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/Qty
74.104.011.00	50	60	M6	180	1



◆ 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/ Qty
74.104.012.01	50	80	5/8"	180	1
74.104.012.02	50	100	5/8"	180	1
74.104.012.03	50	200	16 mm	180	1



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/Qty
74.105.001.90	70	45	M16	1
74.105.001.91	70	45	5/8"	1
74.105.002.90	90	65	M16	1
74.105.002.91	90	65	5/8"	1



74.105.00X.04





74.105.00X.08

Sanding Cap

Application

• For different sanding purposes

Properties

• Available with two different grit levels

REF	Length/ mm	Diameter/ mm	Grit	For Mounting	PU/Qty
74.105.001.04	70	45	40	74.105.001.XX	6 per Box
74.105.001.08	70	45	80	74.105.001.XX	6 per Box
74.105.002.04	90	65	40	74.105.002.XX	6 per Box
74.105.002.08	90	65	80	74.105.002.XX	6 per Box



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/Quantity
74.107.000.00	200	72.5	1





74.107.001.XX

Sanding Sleeve

Application

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

- Matches Drum for Sanding Sleeves REF 74.107.000.00
- Three grit levels available

REF	Length/ mm	Diameter/mm	Grit	For Mounting	PU/ Qty
74.107.001.04	200	72.5	40	74.107.000.00	10
74.107.001.08	200	72.5	80	74.107.000.00	10
74.107.001.10	200	72.5	100	74.107.000.00	10

Sanding Sleeves

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/Qty
74.106.003.05	60	36/22	50	10
74.106.003.08	60	36/22	80	10
74.106.003.15	60	36/22	150	10

Cylindrical Shape

REF	Length/mm	Diameter/mm	Grit	PU/Qty
74.106.002.04	50	20	40	10
74.106.002.15	50	20	150	10
74.105.003.04	52	25	40	10
74.105.003.12	52	25	120	10
74.105.004.04	75	45	40	10
74.105.004.12	75	45	120	10
74.105.005.04	75	60	40	10
74.105.005.08	75	60	80	10



74.106.003.XX



74.106.002.XX





74.105.003.XX





74.105.004.XX

74.105.005.XX





74.105.004.XX

74.105.005.XX



Sanding Mesh

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/Qty
75.001.001.06	125 x 115	60	10
75.001.001.10	125 x 115	100	10



◆ 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 closed vise
- With clamping lever for one-handed operation

REF	Length/mm	Tube Clamp Max.	PU/Qty
60.113.000.01	130	25	1

◆ Surform Rasp File

Application

• For working on plaster, plastics and wood





REF	Length/mm	PU/Qty
60.107.000.00	440	1



Surform Rasp File Blade Flat and Half Round

REF	Length/mm	Shape	Blade Holder	PU/Qty
60.108.001.00	440	Flat	60.107.000.00	1
60.108.004.00	440	Half Round	60.107.000.00	1



Blade Holder for Round Rasp File Blade

REF	Length/mm	PU/Qty
60.109.000.00	400	1

60,229,000,00

Surform Rasp File Blade Round

REF	Length/mm	Shape	Blade Holder	PU/Qty
60.229.000.00	440	Round	60.109.000.00	1



◆ Plaster Spatulas

Application

• For applying smaller amounts of plaster

REF	Width/mm	Length/mm	PU/Quantity
60.111.001.10	10	200	1
60.111.001.20	20	200	1
60.111.001.30	30	200	1



◆ Modeling Tool Set

Application

• For shaping small radii and other geometries

Properties

• 10-part set

REF	Length/mm	PU/Set
60.111.001.00	150	1



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/Quantity
60.112.012.50	250	Straight	1
60.112.022.50	250	Curved	1



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/Quantity
60.144.406.00	250	4+6	Square	1
60.144.608.00	250	6+8	Square	1
60.144.709.00	250	7 + 9	Square	1
60.281.406.00	265	4+6	Round	1
60.281.608.00	265	6+8	Round	1
60.281.709.00	265	7 + 9	Round	1



WW.MKT-0025

◆ Hex Key Set

4-Part Set Consisting of

1 hex key with plastic coated T-handle 3 mm,

1 hex key with plastic coated T-handle 4 mm,

1 hex key with plastic coated T-handle 5 mm,

 $1\ \text{L-shaped}$ hex key with ball end $5\ \text{mm}$

REF	Product	PU/Set
WW.MKT-0025	Hex Key Set	1



60.397.001.00

◆ Multi-Purpose Scissors

Application

• For cutting thin plastic materials, leather and straps

- 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/Quantity
60.397.001.00	190	42	1



WW.700-TL002

◆ Rotary Cutter for Gel Liners

Application

• For evenly and accurately cutting gel liners

Properties

• Rotary cutter

REF	Product	PU/Quantity
WW.700-TL002	Rotary Cutter f. Alpha Liners	1



Pyramid Protection

Application

• Protects pyramids during alignment

Material

• Stainless steel

Properties

- Easily snaps onto the pyramid
- Suited for all pyramids with a weight limit of up to 166 kg
- Only suited for use during fittings

REF	Product	PU/Quantity
22.050.130.01	Pyramid Protection	1



60.500.676.00

60.501.676.00

◆ 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 zinc diecast
- Spindel with steel bearing

REF	For Tube Diameters/mm	PU/Quantity
60.500.676.00	3-35	1



Spare Blade for Tube Cutter

REF	Diameter/mm	PU/Quantity
60.501.676.00	19	1



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	Diameter/mm	PU/Quantity
60.422.000.00	20–34	1



◆ Deburring Tool for Plastics

Application

• For effortless deburring of radii on plastic materials and different metals

Properties

- Adjustable
- Included in delivery are 3 various deburring blades
- Diameter of blade seating: 3.2 mm

REF	Adjustable Length/mm	PU/Quantity
60.278.000.00	150	1



◆ Replacement Blades for Deburring Tool

- HSS-quality
- Scope of delivery: 3 different deburring blades
- Shank diameter: 3.2 mm

REF	Shank Diameter/mm	PU/Quantity
60.285.000.00	3.2	1 Set = 3 Pcs.



90.302.000.00



90.302.000.10



90.302.000.11

Measuring Tape

Properties

- Measuring range: 1500 mm
- Automatically rolls up

REF	Measuring range/mm	PU/Quantity
90.302.000.00	1500	1

◆ Folding Rule

Properties

- Measuring range: 1000 mm
- Foldable
- Made from plastic

REF	Measuring Range/mm	PU/Quantity
90.302.000.10	1000	1

◆ Goniometer

- Measuring range: 0–360 °
- Made from plastic

REF	Length Folded/mm	Width/mm	PU/Quantity
90.302.000.11	230	45	1



Respirator Mask

Application

• Protects from organic gases, vapors and fine dust

Properties

- High quality protective mask
- Dual filter system

REF	Product	PU/Quantity
60.412.010.00	Respirator Mask	1



◆ Filters for Respirator Mask

Properties

- Filter safety class A2
- Protect from organic gases, vapors and fine dust

REF	Product	PU/Quantity
60.412.011.00	Filter f. Respirator Mask	1 Set = 2 Pcs.



60.412.020.00

Goggles

- Rotatable temple ends
- Adjustable temples
- Glasses made from polycarbon
- With DX-coating to prevent fogging and chemical reactions.

REF	Product	PU/Quantity
60.412.020.00	Goggles w/ Adjustable Temples	1





Material

• 100 % cotton

Properties

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

REF	Length/mm	PU/Pair
60.411.000.00	270	1
60.411.035.00	350	1



60.412.012.00

Workshop Apron

- Robust design
- Functional pocket partition for tools and small parts

REF	Product	PU/Quantity
60.412.012.00	Workshop Apron Textile	1



60.169.00X.00



60.170.00X.00







90.302.001.10

90.302.001.00

Pencil

Application

• For writing on smooth surfaces like e.g. Ortholen, Subortholen and Orthotherm

REF	Product	Color	PU
60.169.000.00	Pencil Black	Black	1
60.169.001.00	Pencil Red	Red	1
60.169.002.00	Pencil White	White	1

Pencil Leads

REF	Product	Color	PU
60.170.000.00	Pencil Lead	Black	12
60.170.001.00	Pencil Lead	Red	12
60.170.002.00	Pencil Lead	White	12

Multigraf Pencil

Application

• For writing on glass, plastic materials, leather and wood

REF	Product	PU/Qty
90.302.010.00	Multigraf Pencil w/ Teufel Logo	1

◆ Ballpoint Pen

Properties

• With high-quality large-capacity cartridge for easy writing

REF	Product	PU/Qty
90.302.001.00	Ballpoint Pen w/ Teufel Logo Premium	1

◆ Ballpoint Pen, Eco

- With large-capacity cartridge for good writing properties
- Push-button mechanism retracts the cartridge

REF	Product	PU/Qty
90.302.001.10	Ballpoint Pen w/ Teufel Logo	1

Accessories for Prostheses





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/ Pairs
22.240.000.11	1	36	20	25	up to 26	Skin- Colored	1
22.240.000.12	2	41	21	25	25 and up	Skin- Colored	1
22.240.000.13	3	46	21	27	25 and up	Skin- Colored	1



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/ Pairs
22.240.000.20	0	59	20	36	up to 26	Skin- Colored	1
22.240.000.21	1	62	20	36	up to 26	Skin- Colored	1
22.240.000.22	2	66	21	38	25 and up	Skin- Colored	1
22.240.000.23	3	72	21	40	25 and up	Skin- Colored	1
22.240.000.24	4	84	22	40	27 and up	Skin- Colored	1



22.240.000.3X



22.240.000.2X

• 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	- 0	Foot Length/cm	Foot Size/ cm	Color	PU/ Quantity
22.240.000.31	1	34	10	up to 14	Skin-Colored	1
22.240.000.32	2	37	11	18 and up	Skin-Colored	1
22.240.000.33	3	44	12	20 and up	Skin-Colored	1

◆ Nylon Connection Piece

Application

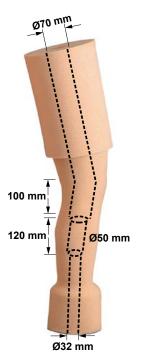
• For attaching the foam cover to the socket

Material

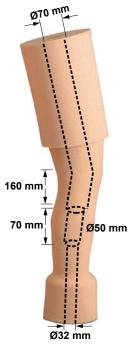
• 100 % nylon

- 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/ Quantity
22.240.000.27	1	22	34	Skin-Colored	1
22.240.000.28	2	22	35	Skin-Colored	1
22.240.000.29	3	22	36	Skin-Colored	1



21.989.001.00



21.989.002.00

◆ Cosmetic Foam Cover, AK, Pre-Milled

Material

• PUR (polyurethane foam)

Eigenschaften

- 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 Circumference/ mm	Knee Height/ mm	Flexion	Side
21.989.001.00	430	520	30°	Left + Right

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 Circumference/ mm	Knee Height/ mm	Flexion	Side
21.989.002.00	430	520	30°	Left + Right



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 Circumference/ mm	Knee Height/ mm	Flexion	Side
21.989.003.00	430	520	30°	Left + Right

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 Circumference/ mm	Knee Height/ mm	Flexion	Side
21.822.052.00	430	520	30°	Left + Right



◆ 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 $^{\circ}\text{C}$
- Easy to sand
- Easy to glue

REF	Height/ mm	Width/ mm	Depth/ mm	Ø Drill Hole/mm	Color	PU/Quan- tity
21.816.001.00	480	160	160	30	Skin-Colored	1



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/ Quantity
21.817.000.00	500	190	160	30	Left + Right	1

21.817.000.00

◆ Cosmetic Foam Cover, BK, Conical

Material

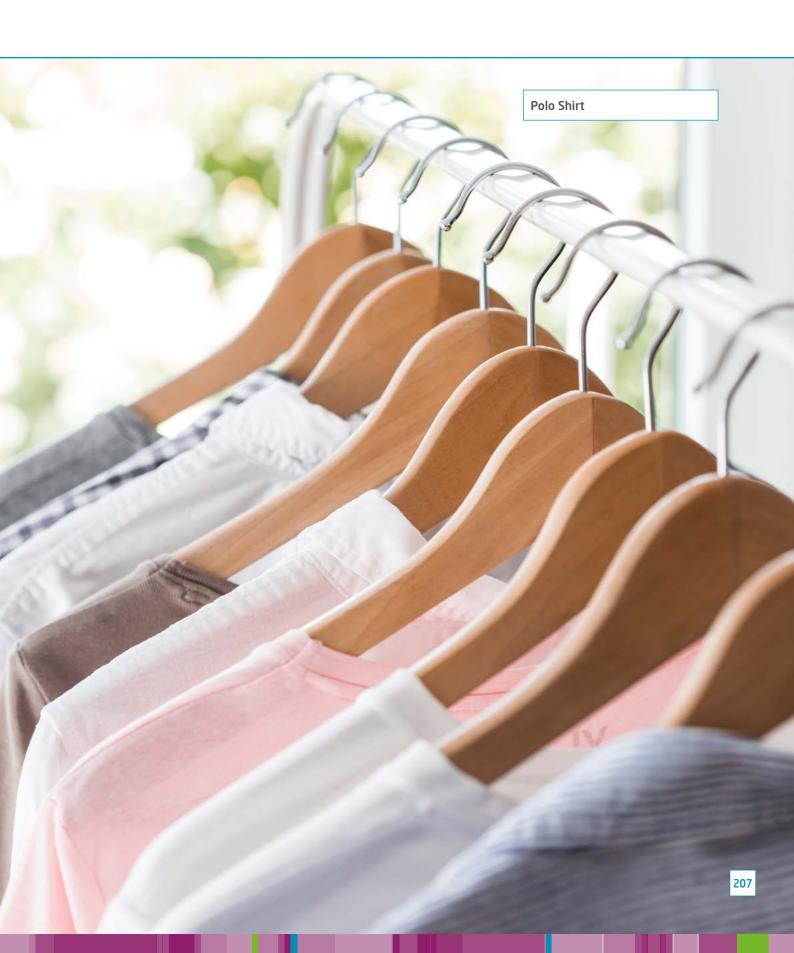
• PUR (polyurethan foam)

- 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/ Quantity
WW.700-BKX-032C-VP	480	180	150	32	Left + Right	1



Clothing





90.302.000.XX

◆ Polo Shirt

• Polo Shirt for Women

High-quality polo shirt, made of functional fibers consisting of 65% polyester/ 35% cotton ($200g/m^2$)*. Color: gray.

Women		
REF	Product	Size
90.302.000.21	Polo Shirt Women w/ Teufel Logo S	S
90.302.000.23	Polo Shirt Women w/ Teufel Logo M	М
90.302.000.25	Polo Shirt Women w/ Teufel Logo L	L
90.302.000.27	Polo Shirt Women w/ Teufel Logo XL	XL

• Polo Shirt for Men

High-quality polo shirt, made of functional fibers consisting of 50% polyester/ 50% cotton ($185g/m^2$)*. Color: gray.

Men		
REF	Product	Size
90.302.000.31	Polo Shirt Men w/ Teufel Logo S	S
90.302.000.33	Polo Shirt Men w/ Teufel Logo M	М
90.302.000.35	Polo Shirt Men w/ Teufel Logo L	L
90.302.000.37	Polo Shirt Men w/ Teufel Logo XL	XL

^{*}Material composition may be subject to change without prior notice.

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71.014.037.0422	72.000.854.3296	74.105.003.12190	80.145.008.00 115
71.014.048.0912	72.000.854.4096	74.105.004.04190	80.145.010.00
71.014.048.1212	72.000.854.4596	74.105.004.12190	80.145.012.00 115
71.014.048.1412	72.000.854.5096	74.105.005.04 190	80.145.015.00 115
72.000.000.00 126	72.000.860.2594	74.105.005.08190	80.145.020.00115
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