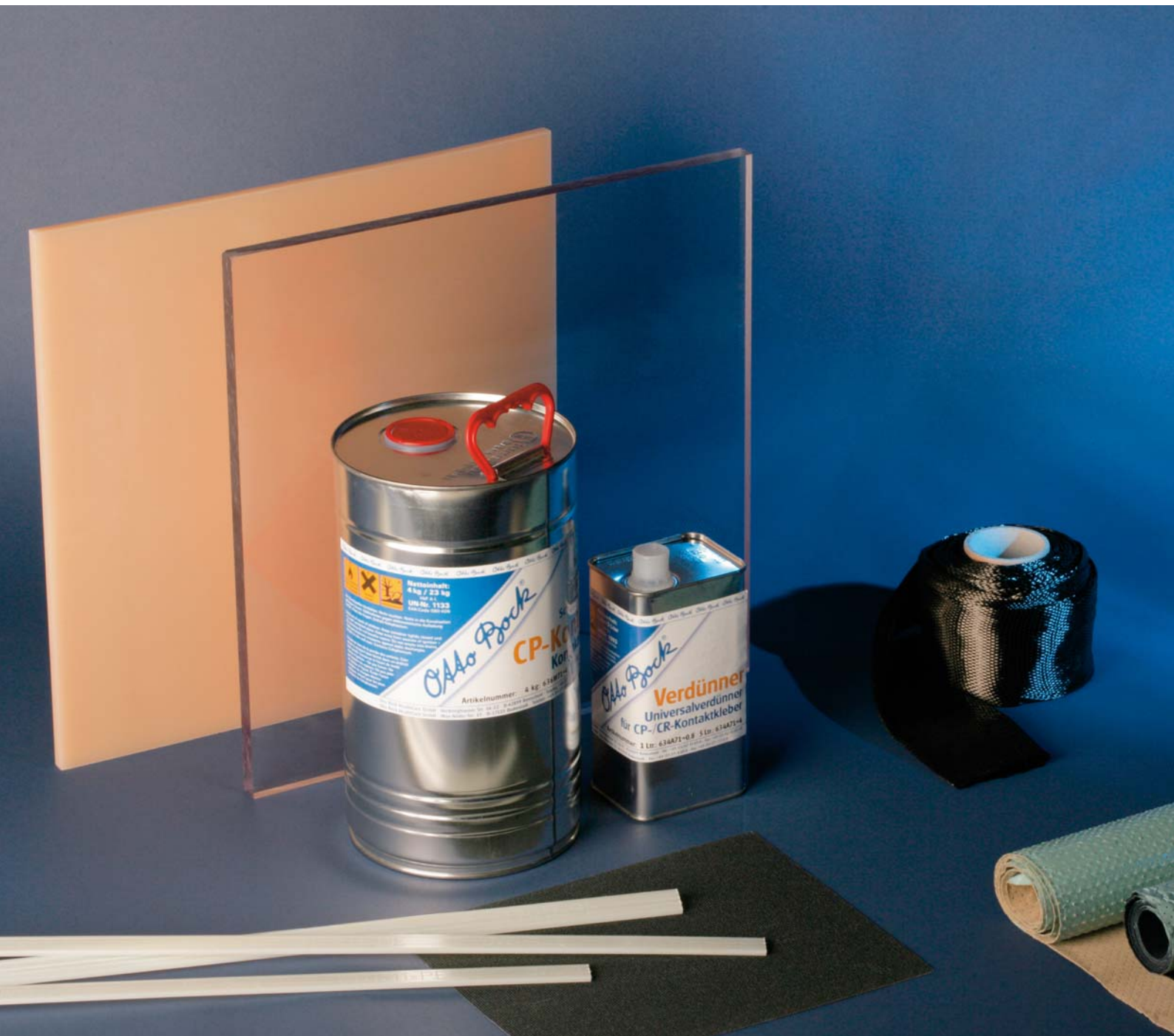


*Ollo Bock*<sup>®</sup>

QUALITY FOR LIFE



**Materials for the Fabrication  
of Prostheses and Orthoses**

## CP Contact Adhesive



Toluol-free polychloroprene adhesive for flexible bondings

Leather, rubber, TR, PUR, EVA, metal, foams, industrial crepe, PP, PE, Technogel® etc. can be glued to themselves and to each other. Not suitable for soft PVC.

Article number	636W71=4	636W71=10
Net contents	4 kg	10 kg



Highly flammable



Irritant



Environmentally hazardous

### Processing Instructions

Lightly grind or roughen the materials; the surface must be free of grease and parting agents. Apply a thick layer of adhesive to the materials to allow the formation of a good bonding film. The drying process can be accelerated by applying heat. Depending on the material combination the flash-off time is 10 to 60 minutes. After joining and pressing together the components let them rest for a few hours. Can be thinned with 634A71 Universal Thinner; do not use acetone!

## CR Contact Adhesive



Toluol-free polychloroprene adhesive

Leather, rubber, TR, PUR, EVA, industrial crepe, Poro, foams etc. can be glued to themselves and to each other. Not suitable for soft PVC.

Article number	636W72=4	636W72=10
Net contents	4 kg	10 kg



Highly flammable



Irritant



Environmentally hazardous

### Processing Instructions

Similar to CP Contact Adhesive, with one exception: thin foams should be wiped with 634A71 Universal Thinner. Depending on the material combination the dry-off-time is 5 to 40 minutes.

CP: Specially matched for flexible bondings as used in orthopedic technology.

CR: Specially matched for bondings as used in orthopedic technology and for industrial application.

## Thinner



Universal Thinner for CP/CR Contact Adhesive

<b>Article number</b>	<b>634A71=0.8</b>	<b>634A71=4</b>
<b>Net contents</b>	0,8 kg	4 kg



Highly flammable



Irritant



Environmentally hazardous

## Special Adhesive for Bandages



Solvent-free contact adhesive for orthopedic and shoe technology

EVA, cork, PUR, leather, rubber, PE, PP, textiles, felt, styrofoam and wood can be glued to themselves and to each other.

Useable with restrictions for bonding flexible PVC and soles.

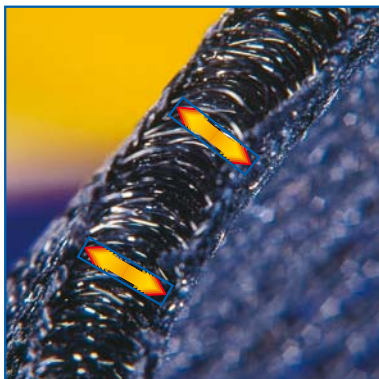
<b>Article number</b>	<b>636N10=0.500</b>
<b>Net contents</b>	0,5 kg

### Processing Instructions

Lightly grind or roughen the materials; the surface must be free of grease and parting agents. Depending on the material combination and on the application procedure the dry-off time is 30 to 60 minutes. The adhesive film must have become transparent. The drying process can be accelerated by applying heat. The bonded components can be put under load shortly after bonding. Can be diluted with water.

SpaceTex®

Padding material for orthoses



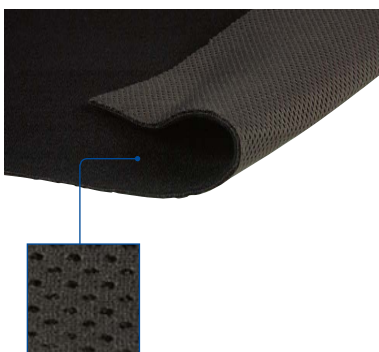
### A new generation of textile area-measured materials: SpaceTex®

3D-spacer fabric, padding material, top material spacer fabric, underside velour, velcro-compatible, attachable by hook and loop closure, hand-washable, washable up to 60 °C / 140 °F, meets eco-tex standard 100. The comfort of an orthosis is increased with the application of the special SpaceTex® 3D spacer fabric. SpaceTex® provides excellent cushioning as well as heat and humidity transfer away from the body. It is breathable and has a high restoring force. Because it is easy to remove and replace, SpaceTex® increases patient hygiene. We recommend that you always use SpaceTex® in combination with the Micro Hook Strap 623Z4=50-6.

Article no. (ordering example):

Article number	=	Length	-	Color
623F62	=	1	-	7

Article number	623F62
Length	1 m, 2 m, 5 m
Width	approx. 1,400 mm
Thickness	approx. 3
Color	black (7)



Micro Hook Strip, Self-Adhesive

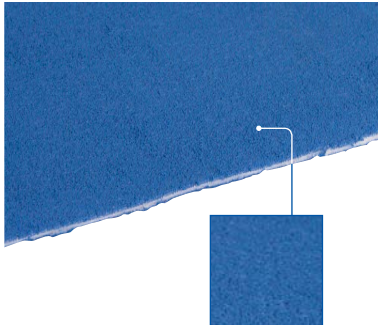
Article number	623Z4=50-6
Length	m
Width	50 mm
Color	white

- ▶ Particularly recommended in combination with SpaceTex®.
- ▶ Please specify the number of meters on the order form.

SpaceTex® is a registered trademark of Otto Bock.

## Terry Cloth Padding Fabric

## Padding material for orthoses



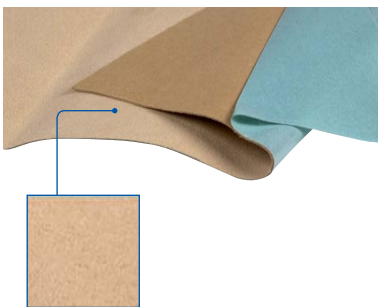
Top material is terry, the underside has Velcro-style loops, recommended for padding of orthoses

**Article no. (ordering example):**

Article number	=	Length
<b>623P3</b>	=	<b>1</b>

<b>Article number</b>	<b>623P3</b>
<b>Length</b>	1 m, 2 m, 5 m, 10 m
<b>Width</b>	approx. 1,460 mm
<b>Color</b>	blue

## PS Velour with Self-Adhesive Foil

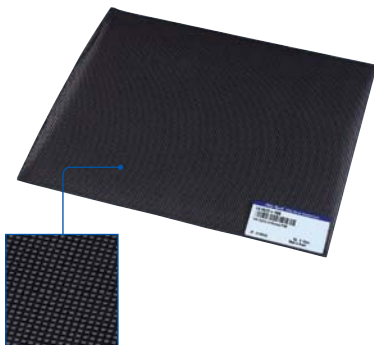


Microfiber synthetic fleece (60% polyamide, 40% polyurethane) for orthopedic and shoe technology. Washable, tear-resistant, breathable, water vapor permeable, light-fast, abrasion-resistant, color-fast against sweat. Free of formaldehyde, PCP and PCP compounds.



Article number	620P16-8	620P17-5	620P17-8
<b>Sheet size</b>	1,370 × 1,000 mm	1,370 × 1,000 mm	1,370 × 1,000 mm
<b>Model</b>	coated	perforated, coated	perforated, coated
<b>color</b>	brown	blue	brown

## Grit Cloth



For processing plaster cast surfaces

Fine finishing of plaster surfaces is much easier thanks to this 180-grain grit cloth. The grit cloth adjusts the rounded surfaces during the sanding process.

<b>Article number</b>	<b>649G22=180</b>
<b>Sheet size</b>	280 × 230 mm
<b>Grit</b>	180

## Cellacast Xtra® Rigid Bandages



Synthetic material for exceptionally lightweight supports with high strength; for immobilization after fractures, operations and orthopedic corrections; for treatment of joint and bone disorders; ideal for promoting mobilization and for bandaging child patients. Also used for temporary fixation in the prosthetic field (socket protection). Cellacast Xtra® casting tapes are lightweight, permeable to air, X-ray transparent and waterproof once hardened.

**Article no. (ordering example):**

Article number	=	Width	-	Color
<b>699G30</b>	=	<b>7.5</b>	-	<b>9</b>



<b>Article number</b>	<b>699G30</b>
<b>Length</b>	3.6 m
<b>Width</b>	5 cm, 7,5 cm, 10 cm, 12,5 cm
<b>Colors</b>	Beige (9), blue (5), green (3), orange (13), yellow (4)
<b>Order by</b>	Package of 10

Cellacast Xtra® is a registered trademark of Lohmann.

## Carbon UD Stockinette



For axial reinforcement (bending forces) of thin-walled, high-strength resin laminates. The circular woven Carbon UD Stockinette contains an elastic weft thread, allowing the carbon threads to keep a 0° orientation independently of their diameter.

The Carbon UD Stockinette was specially designed for use with acrylic resins (e.g. 617H55 C-Orthocryl®).

The advantage of the Carbon UD Stockinette is that for shaped models, cutting or forming is not needed to the extent it is needed with other carbon fiber cloth. Thanks to the elastic weft thread the Carbon UD Stockinette adapts to the model. This can help to save a lot of valuable working time during the fabrication of resin laminates.

**Note:** If the resin laminate is to have a radial strength (torsion stress), additional reinforcement materials are required. In this case we recommend using our 616G15 Carbon Fiber Stockinette.

**Article no. (ordering example):**

Article number	=	Width	x	Length
<b>616G2</b>	=	<b>20</b>	<b>x</b>	<b>5</b>



<b>Article number</b>	<b>616G2</b>
<b>Width</b>	<b>20 mm, 40 mm, 70 mm, 100 mm, 150 mm</b>
<b>Length</b>	<b>5 m</b>

Orthocryl® is a registered trademark of Otto Bock.

## Thermoplastic Prepregs

## Reinforcement material for orthoses



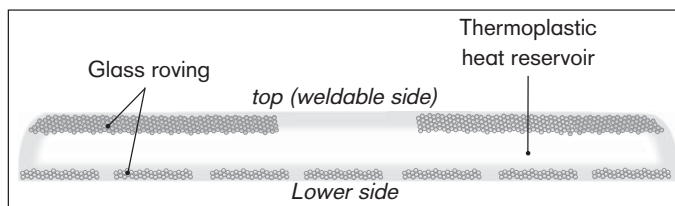
Thermoplastic profile, fibreglass reinforced

For partial reinforcement for the fabrication of ankle-foot orthoses, knee orthoses, leg orthoses (also as test orthoses), spinal orthoses and wrist orthoses.

The Thermoprepreps consist of thermoplastic (PE or PP) with unidirectional endless glass fiber threads (see illustr.). The glass fiber rovings are blended into the cover layers of the section and unevenly distributed along either side. The heat-weldable side contains a higher proportion of fibers than the opposite side to counteract distortion of the plastic sheet material. This side can be easily recognized by its 2-mm edge radius and "Otto Bock" logo.

In combination with the appropriate thermoplastic sheets, these Thermoprepreps can be incorporated into a custom orthosis in a single fabrication process. They provide partial reinforcement of the orthosis for optimal fitting. Furthermore, the non-reinforced areas can be shaped as needed, while also avoiding any distortion of parts.

► Please ask for our 647H468 Processing Instructions.



Sectional view of thermoplastic prepreg

Article number	617R11=PE	617R11=PP*	
To be used for	PE=Polyethylene	PP-C=PP Copolymer	PP=Polypropylene
Width x Height x Length	20 x 3 x 1,200 mm	20 x 3 x 1,200 mm	20 x 3 x 1,200 mm

\* Can be used together with ThermoLyn® Polypropylene Copolymer 616T120.

### ThermoLyn clear® (Copolyester)



Colorless

The processing temperature for heating plates, convection and infrared ovens is 165 °C / 329 °F.

Thanks to the transparency of test sockets made of ThermoLyn® clear, the patient's fit and discoloration of the skin surface on the residual limb can be monitored more closely. By heating the socket, this thermoplastic can be reshaped at pressure points, for example.

Article no. (ordering example):

Article number	=	Sheet size	×	Thickness
<b>616T83</b>	=	<b>1250 × 1025</b>	×	<b>3</b>

Article number	<b>616T83</b>		
Sheet size (Length × Width)	1.250 × 1.025 mm	1.250 × 1.025 mm	1.250 × 1.025 mm
Thickness	3 mm	4 mm	6 mm
For producing	Scar compression masks		Trial orthoses

Article no. (ordering example):

Article number	=	Thickness
<b>616T83</b>	=	<b>8</b>

Article number	<b>616T83</b>				
Sheet size (Length × Width)	400 × 400 mm	400 × 400 mm	400 × 400 mm	400 × 400 mm	400 × 400 mm
Thickness	8 mm	10 mm	12 mm	15 mm	20 mm
For producing	Trial orthoses	Self-supporting test sockets (for temporary use)			

### ThermoLyn soft® (EVA)



For the fabrication of flexible prosthetic inner sockets, high shrinkage when cooled down too quickly, translucent (color depends on the color of the skin), working temperature 160 °C/320 °F.

The good flexibility and transparency of the ThermoLyn® soft material is used above all for the fabrication of inner sockets for arm prostheses. The material's benefits are high surface quality and wearing comfort.

Article number	=	Thickness
<b>616T69</b>	=	<b>6</b>



Article Number	<b>616T69</b>
Sheet size (Length × Width)	400 × 400 mm
Thickness	6 mm, 8 mm, 10 mm, 12 mm
Color	Skin colors

ThermoLyn® is a registered trademark of Otto Bock.



# Otto Bock worldwide

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