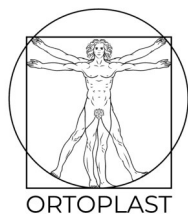


CATALOGUE

2024



Para el sector de la ortopedia / For the sector of the orthopedicists



CONTENTS

THERMOPLASTICS

ORTHOALUMINIUM

ACCESORIES LAMINATION RESINES

PROSTHETIC ACCESORIES LAMINATION

PROSTHETICS ACCESORIES

LAMINATION MATERIALES

TRANSFER PAPER

PROSTHETIC DECO-COVERS

HOOK & LOOPS

CLOUSURES SYSTEMS

BANDAGES CASTING ROOM

FOAMS

FOAMS & COSMETIC STOCKINGS

TECHICAL FABRIC ORTHOTICS LINING

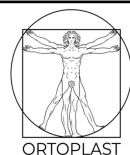
EVA FOAMS DAFO'S

PE-FOAMS & FOAM LINERS & EVA FOAMS

RESIN SHEETS, REINFORCING

FOOT ORTHOTICS TECHNICAL FOAMS

INSOLES TECHNICAL COMPOSITE



THERMOPLASTICS

LOW DENSITY POLYETHYLENE

ORTOPLASTENE LD-PE is a versatile low density polyethylene that can be sawn, cut, die cut or pinched. The main characteristic is it's flexibility therefore making it ideal for applications where movement has to be considered.

VALUES OF MATERIAL

- ⇒ Density g/cm:0,928
- ⇒ Typical thermoforming temperatures: 160°C

GENERAL FEATURES:

- ⇒ Flexibility
- ⇒ Good impact strength
- ⇒ Very low shrinkage
- ⇒ Soft to the touch

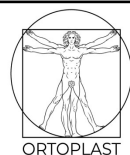


POLYETHYLENE LOW DENSITY NATURE sheets

Reference	Thickness	Sheet size	Colour
10100100/E	1,00 mm	2000 x 1000 mm	Nature
11100102/E	2,00 mm	2000 x 1000 mm	Nature
11100103/E	3,00 mm	2000 x 1000 mm	Nature
11100104/E	4,00 mm	2000 x 1000 mm	Nature
11100105/E	5,00 mm	2000 x 1000 mm	Nature

POLYETHYLENE LOW DENSITY NATURE Roll (50 kg aprox)

Reference	Thickness	Wide roll	Colour
10130100/E	1,00 mm	1000 mm	Nature



THERMOPLASTICS

POLYETHYLENE HIGH DENSITY

ORTOPLASTENE POLYETHYLENE HIGH DENSITY

Has excellent physical characteristics.

Minimum shrinkage ± 0.2

VALUES OF MATERIAL

- ⇒ Density g/cm: 0,950
- ⇒ Thermoforming temperatures: 180°C

GENERAL FEATURES:

- ⇒ Resistance to deformation
- ⇒ Good flexural strength
- ⇒ Soft to the touch



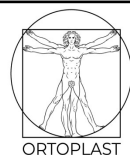
POLYETHYLENE HIGH DENSITY NATURE

Reference	Thickness	Sheet size	Colour
10200103/E	3,00 mm	2000 x 1000 mm	Nature
10200104/E	4,00 mm	2000 x 1000 mm	Nature
10200105/E	5,00 mm	2000 x 1000 mm	Nature
10200106/E	6,00 mm	2000 x 1000 mm	Nature
10200108/E	8,00 mm	2000 x 1000 mm	Nature

Reference	Thickness	Sheet size	Colour
10220105/E	5,00 mm	1000 x 1000 mm	Nature

POLYETHYLENE HIGH DENSITY BLACK

Reference	Thickness	Sheet size	Colour
10200803/E	3,00 mm	2000 x 1000 mm	Black
10200804/E	4,00 mm	2000 x 1000 mm	Black
10200805/E	5,00 mm	2000 x 1000 mm	Black
10200806/E	6,00 mm	2000 x 1000 mm	Black



THERMOPLASTICS

HIGH MOLECULAR WEIGHT POLYETHYLENE

SUBTENE NS-500 (SUBORTHOLEN) RCH-500

Excellent physical characteristics. It's one of the easiest plastics to work with.

VALORES DEL MATERIAL

- ⇒ Density g/cm: 0,955
- ⇒ Thermoforming temperaturas: 180 °C

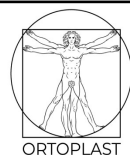
GENERAL FEATURES:

- ⇒ Rigid
- ⇒ No shrinkage
- ⇒ Trunk orthosis applications and insoles



SUBTENE NS-500 (SUBORTHOLEN) RCH-500

Reference	Thickness	Sheet size	Colour
10400202/E	2,00mm	1940 x 940 mm	Skin
10400203/E	3,00 mm	1940 x 940 mm	Skin
10400204/E	4,00 mm	1940 x 940 mm	Skin



THERMOPLASTICS

POLYPROLYLENE HOMOPOLYMER

ORTOPROPYLENE HOMOPOLYMER

Higher rigidity in this applications.

VALUES OF MATERIAL

- ⇒ Density g/cm: 0,901
- ⇒ Typical thermoforming temperatures: 190°C

GENERAL FEATURES:

- ⇒ High rigidity
- ⇒ Minimum shrinkage
- ⇒ Good impact resistance



POLYPROLYLENE HOMOPOLYMER NATURE

Reference	Thickness	Sheet Size	Colour
11300102/E	2,00 mm	2000 x 1000 mm	Nature
10300103/E	3,00 mm	2000 x 1000 mm	Nature
10300104/E	4,00 mm	2000 x 1000 mm	Nature
10300105/E	5,00 mm	2000 x 1000 mm	Nature

POLYPROLYLENE HOMOPOLYMER BLACK

Reference	Thickness	Sheet Size	Color
10300803/E	3,00 mm	2000 x 1000 mm	Black
10300804/E	4,00 mm	2000 x 1000 mm	Black
10300805/E	5,00 mm	2000 x 1000 mm	Black



THERMOPLASTICS

POLYPROPYLENE COPOLYMER

POLYPROPYLENE COMPOLYMER

Is mainly used for the production of more dynamic Orthosis.

VALUES OF MATERIAL

- ⇒ Density g/cm³: 0,910
- ⇒ Thermoforming temperature: 180°C

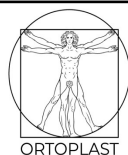
GENERAL FEATURES:

- ⇒ More resistance to deformation
- ⇒ More flexible, less rigid than the classic polypropylene Homopolymer.
- ⇒ Excellent stiffness and flexibility ratio.
- ⇒ **DAFOs** the best thermoplastic 2– 3mm



POLYPROPYLENE COMPOLYMER NATURE

Reference	Thickness	Sheet Size	Color
12390102/E	2,00 mm	2000 x 1000 mm	Nature
12390103/E	3,00 mm	2000 x 1000 mm	Nature
12390104/E	4,00 mm	2000 x 1000 mm	Nature



THERMOPLASTICS

ELASTOMERS **SOFT & ELASTIC**

ORTOPLAST has available to offer different elastomers plastics.

MODIFLEX 300

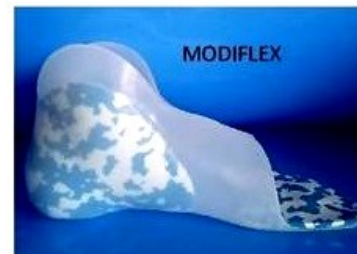
Polyethylene elastomer recommended to inner boot of DAFO's.

VALUES OF MATERIAL

- ⇒ Density g/cm²: 0,910
- ⇒ Typical thermoforming t°: 130°C-135°C

GENERAL FEATURES

- ⇒ Resistance to deformation
- ⇒ Flexible, Elastic and soft
- ⇒ Doesn't make marks



Reference	Thickness	Sheet Size	Colour
10720103/E	3,20 mm	1000 x 1000 mm	Nature

MODIFLEX 100

Reference	Thickness	Sheet Size	Colour
10700103/E	3,00 mm	1000 x 1000 mm	Clear
10700104/E	4,00 mm	1000 x 1000 mm	Clear
10700105/E	5,00 mm	1000 x 1000 mm	Clear

EVAFLEX COLORS

Recommended for water-resistant splints, shoe insoles, arm prostheses.

Dafo inner boot, prosthetic lace and Flexible Orthosis.

VALUES OF MATERIAL

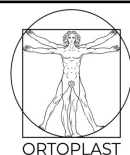
- ⇒ Density g/cm²: 0,910
- ⇒ Typical thermoforming t°: 145°C
3-4 minutes Vacuum pressure low.

GENERAL FEATURES

- ⇒ Resistance to deformation
- ⇒ Flexible, Elastic and soft
- ⇒ Doesn't make finger marks



	Reference	Thickness	Sheet Size	Colour
EVAFLEX	10700604/E	4,00 mm	1000 x 1000 mm	Green
EVAFLEX	10700704/E	4,00 mm	1000 x 1000 mm	Purple
EVAFLEX	10700404/E	4,00 mm	1000 x 1000 mm	Blue
EVAFLEX	10701404/E	4,00 mm	1000 x 1000 mm	Pink
EVAFLEX	10700804/E	4,00 mm	1000 x 1000 mm	Black



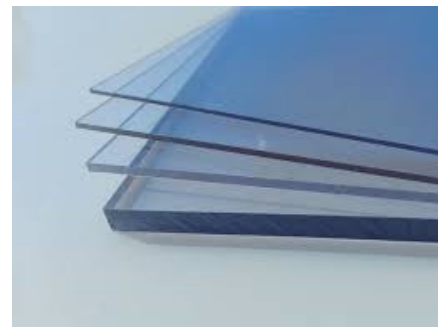
THERMOPLASTICS

PETG

SUSTIPLEX (Veralite)

VALUES OF MATERIAL

- ⇒ Density g/cm³: 1,270
- ⇒ Typical thermoforming temperatures: 135°C
- ⇒ Avoid air bubbles in the oven (excess temperature)

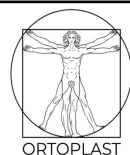


GENERAL FEATURES:

- ⇒ Highly transparent even after processing
- ⇒ Excellent thermoforming properties
- ⇒ Good postforming properties
- ⇒ Vacuum

SUSTIPLEX

Reference	Thickness	Sheet Size	Colour
10801203/E	3,00 mm	2000 x 1000 mm	Transparent
10801204/E	4,00 mm	2000 x 1000 mm	Transparent
10801205/E	5,00 mm	2000 x 1000 mm	Transparent



THERMOPLASTICS

ACRYLIC PLASTIC

THERMODUR

Alternative to Europlex old PLEXIDUR

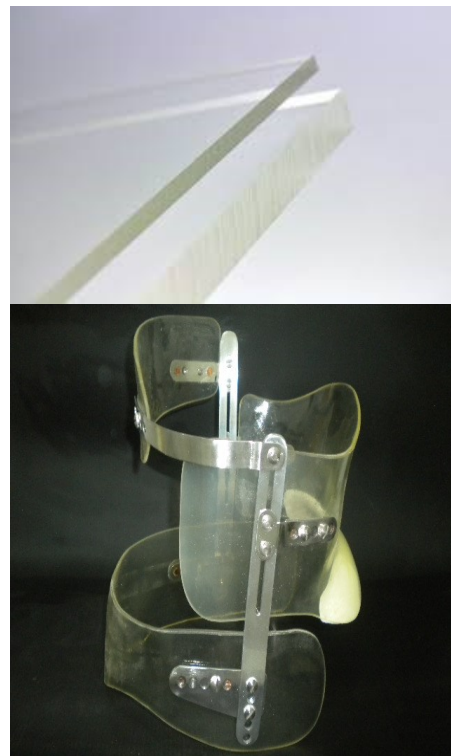
PMMA.ACRILIC

VALUES OF MATERIAL

⇒ Typical thermoforming temperatures: 180°C DO NOT EXCEED

GENERAL FEATURES

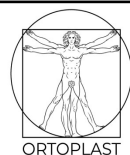
- ⇒ Ideall for making corsets **Michel and Stagnara Lyones**
- ⇒ Alternative to the old **EUROPLEX**
- ⇒ No suitable for vacuum
- ⇒ It has a high rigidity and high resistance to broken



THERMODUR

Reference	Thickness	Sheet Size	Colour
11021203/E	3,00 mm	2000 x 1000 mm	Transparent
11021204/E	4,00 mm	2000 x 1000 mm	Transparent

* check price and stock



LOW TEMPERATURE PLASTIC/SPLINT

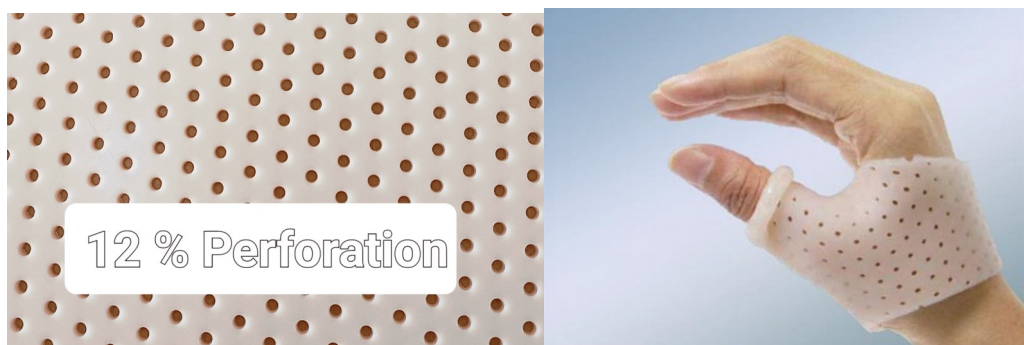
TEMPLAST NS

Non-stick (coated Material)

Coating allows for temporary bonding during fabrication.
Reliable permanent bonding is possible after removing the coating and using dry heat. All attachments and outriggers can be applied with maximum ease. Aesthetically pleasing surface.
Prevents the material to stick onto bandages or cotton lining.

Transparent when activated 60°-65 °C water temperature.

Elastic memory 90% Easily returns to its original shape and size when reheated.



TEMPLAST NS

Reference	Thickness	Sheet Size	Type Perforated	Colour
10640224/E	2,4 mm	900 x 600 mm	Perforated 12%	Skin
10640232/E	3,2 mm	900 x 600 mm	Perforated 12%	Skin
10641224/E	2,4 mm	450 x 600 mm	Perforated 12%	Skin
10641232/E	3,2 mm	450 x 600 mm	Perforated 12%	Skin



ORTHOALUMINIUM

GENERAL FEATURES :

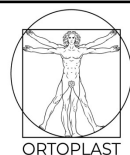
⇒ special orthopaedic quality, strength approx. 400 N/mm²



ORTHOALUMINIUM

Reference	Thickness	Sheet Size	Colour
13500102/E	2,00 mm	2000 x 1000 mm	Silver
13500103/E	3,00 mm	2000 x 1000 mm	Silver
13500104/E	4,00 mm	2000 x 1000 mm	Silver

* check price and stock



PROSTHETICS THERMOPLASTICS

CHECK PLAST, PROTEO STIFF

CHECK PLAST

Temporary check socket

Are made with a transparent thermoplastic Copolyester.

VALUES OF MATERIAL

- ⇒ Density g/cm³: 1,270
- ⇒ Thermoforming temperatures: 160°C



Reference	Thickness	Sheet Size	Colour
10811210/E	10,00 mm	400 x 400 mm	Transparent
10811212/E	12,00 mm	400 x 400 mm	Transparent
10811215/E	15,00 mm	400 x 400 mm	Transparent
10811220/E	20,00 mm	400 x 400 mm	Transparent

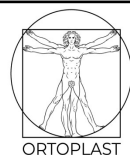
PROTEO STIFF PP-C copolymer

VALUES OF MATERIAL

- ⇒ Density g/cm³: 0,910
- ⇒ Rigid prosthetic
- ⇒ Typical thermoforming temperature : 180°C
- ⇒ No shrinkage in the oven
- ⇒ Polypropylene COPOLYMER



Reference	Thickness	Sheet Size	Colour
12310110/E	10,00 mm	400 x 400 mm	Natural
12310112/E	12,00 mm	400 x 400 mm	Natural
12310115/E	15,00mm	400 x 400 mm	Natural



PROSTHETICS THERMOPLASTICS

E.V.A Thermoplastic

MODIFLEX 100 SOFT. HIGH FLEXIBILITY

VALUES OF MATERIAL

- ⇒ Density g/cm²: 0,955
- ⇒ Typical thermoforming temperatures: 150°C-160°C

GENERAL FEATURES:

- ⇒ High flexibility
- ⇒ Minimal shrinkage
- ⇒ Excellent formability



Reference	Thickness	Sheet Size	Colour
10701110/E	10,00 mm	400 x 400 mm	Translucent
10701112/E	12,00 mm	400 x 400 mm	Translucent
10701115/E	15,00 mm	400 x 400 mm	Translucent

MODIFLEX 300 LOW FLEXIBILITY

VALUES OF MATERIAL

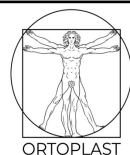
- ⇒ Density g/cm²: 0,955
- ⇒ Typical thermoforming temperatures: 150°C-160°C

GENERAL FEATURES:

- ⇒ High flexibility
- ⇒ Minimal shrinkage
- ⇒ Excellent formability



Reference	Thickness	Sheet Size	Colour
10721109/E	9,00 mm	400 x 400 mm	Natural
10721112/E	12,00 mm	400 x 400 mm	Natural
10721115/E	15,00 mm	400 x 400 mm	Natural



LAMINATION RESINS

LAMINATING ACRYLIC RESIN

RESACRYL Acrylic Resins

Acrylic resins are the standard resins in the entire orthopedic range. They are easy to be processed and harden fast. Using reinforcing materials the laminates can be thermally deformed later on.



1) RESACRYL Laminating Resin 80:20

Semi-rigid Acrylic Casting Resin.

Transparent, thermoplastic skin-friendly, can be mixed with all other **RESACRYL** acrylic resins.

Curing by means of approx. 1 – 3 % hardener powder.

2) RESACRYL Carbon

Rigid Acrylic Casting Resin.

RESACRYL carbon resin is about 10% thinner than laminating resin 80:20 and especially designed for the processing of carbon fibres, i.e. for top quality casting resin parts, which require extraordinary high stability and which are mainly made of carbon fibres.

Curing by means of approx. 1 – 3 % hardener powder.

3) RESACRYL Sealing

Rigid Acrylic Sealing Resin.

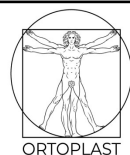
RESACRYL Sealing is used for example for bonding acrylic, wooden and PUR-rigid foam parts, for sealing leather and laminating very hard parts. Can be mixed with all other **RESACRYL** resins.

Curing by means of 1 – 3 % hardener powder, depending on the purpose it is possible to achieve fast cure times!

Reference	Description	Quantity
30710046/E	Laminar 80:20	4,60 Kg.
30710025/E	Lamina 80:20	25,00 Kg.
30730046/E	Carbon Resin	4,60 Kg.
30730025/E	Carbon Resin	25,00 Kg.
30700046/E	Sealing	4,60 Kg.
30700025/E	Sealing	25,00 Kg.

HARDENER POWDER

30740150/E	Hardener	150 gr
30740300/E	Hardener	300 gr



ACCESORIES LAMINATION RESINS

COLOR PASTE (PIGMENT)

ORTOCOLOR

pigment paste

ORTOCOLOR METALIZED

We get the same decorative effect as buying expensive colored carbon fabrics.

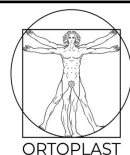


ORTOCOLOR

Works with the basic laminating resins our **Resacryl** Acrylic resin polyester and Epoxy



Referencia	Color	Cantidad	
31200225	SKIN	250 gr	
31200825	BLACK	250 gr	
31200525	RED	250 gr	
31201812	PEARL GRAPHITE	125 gr	
31201412	PEARL BLUE	125 gr.	
31202112	PEARL SILVER	125 gr.	



ACCESORIES LAMINATION

PVA BAGS and CLOSED-END PVA BAGS

PVA BAGS 0'8mm film thickness

GENERAL FEATURES of PVA :

⇒ Strong, elastic and clear



Reference	Size inch	Size cm	Units x package
30600004/E	4"	5 x 10 x 100	20
30600006/E	6"	5 x 15 x 100	20
30600008/E	8"	5 x 20 x 100	20
30600010/E	10"	5 x 25 x 100	20
30600012/E	12"	5 x 30 x 100	20
30600014/E	14"	5 x 35 x 100	20

Roll

30620050/E Width 130cm x Long aprox 30mts

CLOSED-END PVA BAGS 0'8mm film thickness

GENERAL FEATURES of CLOSED-END PVA :

⇒ Singel step Cast preparation /Save times and Money/Works on a wide variety od shapes and sizes



Reference	Closed-End PVA Size	Proximal Measurament	Distal Measurament	Units x package
30600663	6-3	22,86cm-30,48cm	10,16cm-15,24cm	5
30600883	8-3	30,48cm-40,64cm	10,16cm-15,24cm	5
30600885	8-5	30,48cm-40,64cm	17,78cm-25,4cm	5
30601003	10-3	40,64cm-50,80cm	10,16cm-15,24cm	5
30601005	10-5	40,64cm-50,80cm	17,78cm-25,4cm	5
30601205	12-5	50,80cm-60,96cm	17,78cm-25,4cm	5
30601407	14-7	60,96cm-71,12cm	27,94cm-35,56cm	5



ORTHOTRANSFER

ORTHOTRANSFER PAPER wide 80 cm

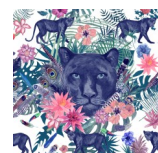
Roll 5 meters and Roll 10 meters

ORTHOTRANSFER PAPER wide 160 cm

Roll 5 meters and Roll 10 meters



You can consult our extensive range of drawings in our ORTHOTRANSFER catalogue.



ORTHOSPAY SILICONE MOULD RELEASE SPRAY is a general purpose, heavy duty silicone lubricant, which exhibits excellent anti-stick and slip properties. Particularly, effective in mould release of thermoplastics (apply in the stockinet) In the transfer paper apply in the plastic. Brighter finish, better definition



Referencia

Cantidad

31000000

400 ml.



PROSTHETIC DECORATIVE COVERS

DECO-COVERS Prosthetic or orthotic laminating sleeves give your socket or AFO/KAFO a bold new **permanent** look! Available in a variety of designs, our fabrics are carefully selected and are made from only the finest Spandex. All of our designs offer a 4-way stretch, which will conform to most any shape.

Long 150 cm

Wide 15 cm

Wide 20 cm



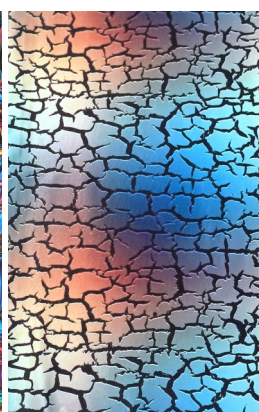
PINK SKULLS

Ref. 44000100 15cm
Ref. 44010100 20cm



SWIRL

Ref. 44000200 15cm
Ref. 44010200 20cm



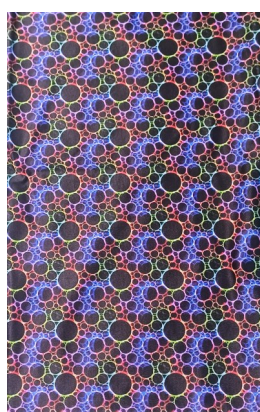
METAL CRACK

Ref. 44000300 15cm
Ref. 44010300 20cm



BLUE RAY

Ref. 44000400 15cm
Ref. 44010400 20cm



BUBBLES

Ref. 44000500 15cm
Ref. 44010500 20cm



DIFFUSE

Ref. 44000600 15cm
Ref. 44010600 20cm



BLACK SKULLS

Ref. 44000700 15cm
Ref. 44010700 20cm



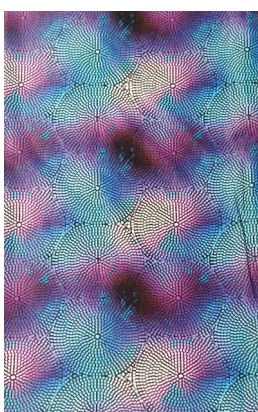
BACKGROUND BUBBLES

Ref. 44000800 15cm
Ref. 44010800 20cm



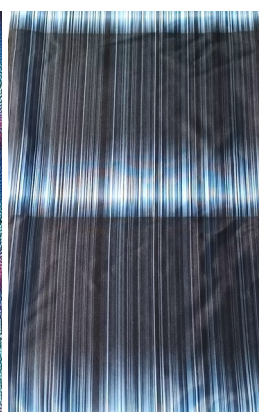
CLOUDS

Ref. 44000900 15cm
Ref. 44010900 20cm



BLUES

Ref. 44001000 15cm
Ref. 44011000 20cm



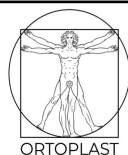
METAL STIPES

Ref. 44001100 15cm
Ref. 44011100 20cm



METAL NEON

Ref. 44001200 15cm
Ref. 44011200 20cm



LAMINATION MATERIALS

STOCKINETTE

PERLON Polyamid yarn

used as a first layer and last layer of estandar lamination as it gives a finer finish

Reference	Wide	Long Roll	Weight	Colour
30900008/E	8 cm	aprox. 41,6 mts	1Kg.	White
30900010/E	10 cm	aprox. 37 mts	1Kg.	White
30900012/E	12 cm	aprox. 33,3 mts	1Kg.	White
30900015/E	15 cm	aprox. 27 mts	1Kg.	White
30900020/E	20 cm		1Kg.	White



NYLGLASS 33% Nylon + 66% Glass Fibre

Used in the centre of a lamination layup. Its gives a strength and stiffness.

Reference	Wide	Long Roll	Weight	Colour
30910008/E	8 cm	aprox. 35,7 mts	1Kg.	White
30910010/E	10 cm	aprox. 32,2 mts	1Kg.	White
30910012/E	12 cm	aprox. 26,3 mts	1Kg.	White
30910015/E	15 cm	aprox. 23,8 mts	1Kg.	White
30910020/E	20 cm		1Kg.	White
30910025/E	25 cm		1Kg.	White



TUBULAR Thin & elastic

Used as a first layer and last layer in laminations.

Reference	Wide	Long Roll	Colour
30930007/E	7 cm	130 mts	White
30930012/E	12 cm	66 mts	White



TUBULAR (Super Stretch Nylon)

Used for DAFO'S, KAFos.....

Reference	Wide	Long Roll	Colour
30920004/E	4 cm	30 mts	White

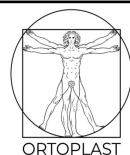


TUBULAR very Stretch Nylon

Used to fit spinal casts. *Universal Size.*

Reference	Wide	Long Roll	Colour
30920020/E	7 cm	23 mts	White





LAMINATION MATERIALS

TUBULAR COTTON AND CARBON FIBRE BRAID

TOTAL COTTON 100% Cotton super stretch

+ 200% more flexible and adaptable. Is available in 3 Widths: 4, 6, 15 cm.

APPLICATION: Mould making and intermediate layer in vacuum moulding processes.

Size 1: FOR LOWER AND UPPER LIMBS. All measurements paediatrics and children.

Size 2: FOR LOWER AND UPPER LIMBS. All measurements, including XXL.

Size 3(Thorax): For Paediatrics, adults, all measurements including XXL.



Reference	Size/Width	Meters	Weight	Colour
31400204/E	Size 1: 4cm	30 mts	0,50 Kg	Natural
31400206/E	Size 2: 6cm	58 mts	1,00 Kg	Natural
31400215/E	Size 3: 15cm	36 mts	2,00 Kg	Natural

CARBON FIBER BRAID

6K Medium weight

Reference	Width	Lenght in m/kg	Weight	Colour
30450808/E	80 mm	9,3 mts	1 Kg.	Black
30450810/E	100 mm	7,2 mts	1 Kg.	Black
30450812/E	125 mm	6,3 mts	1 Kg.	Black



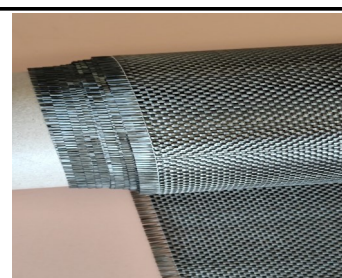
12K Heavy weight

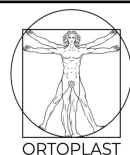
Reference	Width	Lenght in m/kg	Weight	Colour
30430812/E	125 mm	3,7 mts	1 Kg.	Black
30430815/E	150 mm	3,3 mts	1 Kg.	Black
30430820/E	200 mm	2,3 mts	1 Kg.	Black

CARBON Matting.

3K 200 gr/m2

Reference	Colour	Wide	Long Roll
304008125/E	Black	125 cm	Roll 10 Lineal Meters





PROSTHETICS ACCESORIES

POLYURETHANE RESIN RIGID FOAMS

ORFOAM are the standard resins in the entire orthopedic range. They are easy to be processed and harden fast. Using reinforcing materials the laminates can be thermally deformed later on.

1) ORFOAM 200

Mould construction foam for deep-drawn models, to manufacture cosmetic coverings in prosthesis construction, etc.

Foaming factor :6,5

Mixing ratio A:B=100 parts by weight

2) ORFOAM 300

Mould construction foam for deep-drawn models, to manufacture cosmetic coverings in prosthesis construction, etc.

Foaming factor :4,8

Mixing ratio A:B=100:100 parts by weight

3) ORFOAM 700

Impact and nail-resistant rigid foam, especially for orthopedic shoe lasts and shoe forms as well as positive moulds in the entire orthopedic range.

Foaming factor :1,7

Mixing ratio A:B=100:70

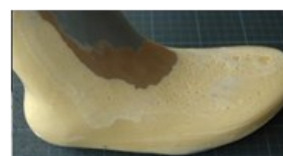
4) HARDENNER Component B For all rigid foams

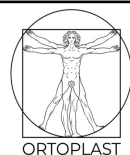
Reference	Description	Quantity
30800046/E	Orfoam 200	4,6 kg.
30810046/E	Orfoam 300	4,6 kg.
30820046/E	Orfoam 700	4,6 kg.
30830046/E	Hardenner	4,6 kg.



THE MINIMUM ORDER IS 25KG PER REFERENCE

This material is requested on request, do not hesitate to ask us the price and delivery time



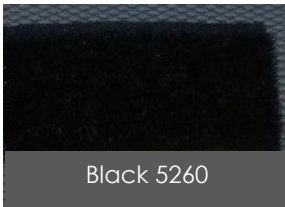


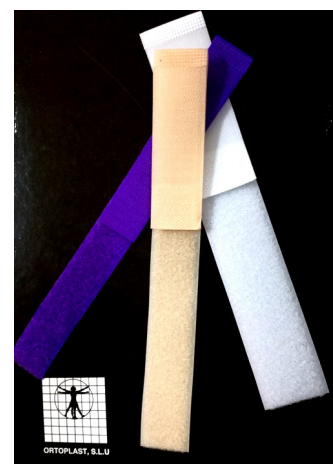
HOOK & LOOP STRAPS

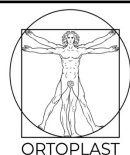
Hook & Loop systems

ULTRASONIC WELDED

Packages of 10 straps

Colour	Size	Reference
 White 5101	30mm x 350mm	45730330/E
	38mm x 350mm	45730338/E
	38mm x 420mm	45740338/E
	50mm x 350mm	45730350/E
	50mm x 420mm	45740350/E
 Beige 5219	30mm x 350mm	45730930/E
	38mm x 350mm	45730938/E
	38mm x 420mm	45740938/E
	50mm x 350mm	45730950/E
	50mm x 420mm	45740950/E
 Black 5260	30mm x 350mm	45730830/E
	38mm x 350mm	45730838/E
	38mm x 420mm	45740838/E
	50mm x 350mm	45730850/E
	50mm x 420mm	45740850/E
 Blue 5178	30mm x 350mm	45730430/E
	50mm x 350mm	45730450/E
	50mm x 420mm	45740450/E
 Red 5126	30mm x 350mm	45730530/E
	50mm x 350mm	45730550/E
	50mm x 420mm	45740550/E





HOOK & LOOP STRAPS

NEON COLORS. STRAPS & CHAFES

Ultrasonic welding system

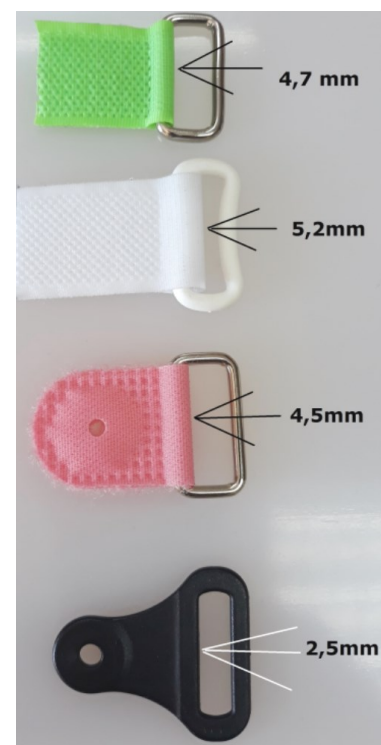
Nylon closure manufactured by ORTOPLAST,SLU,.

- ⇒ less volume inside the shoe, improves comfort
- ⇒ KAFO and DAFOs
- ⇒ Hook & Loop Straps

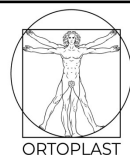


Pack of: 10 STRAPS + 10 Nylon chafes

Reference	Size	Colour
47002625/E	25mm x 350mm	Yellow Neon 
47000625/E	25mm x 350mm	Green Neon 
47002225/E	25mm x 350mm	Orange Neon 
47002325/E	25mm x 350mm	Pink Neon 
47000725/E	25mm x 350mm	Purple 
47000425/E	25mm x 350mm	Blue 
47000825/E	25mm x 350mm	Black 
47000325/E	25mm x 350mm	White 



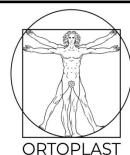
PLEASE CONSULT FOR CUSTOM STRAPS



HOOK & LOOP

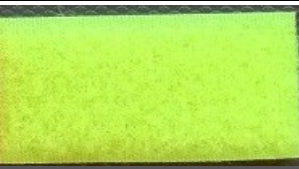
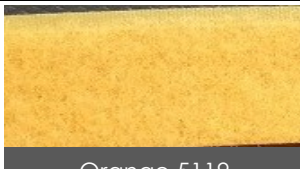
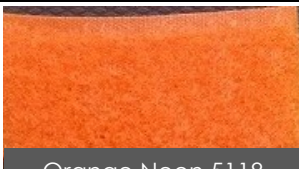
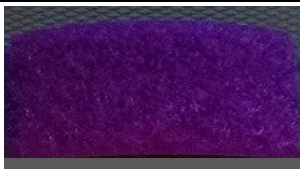
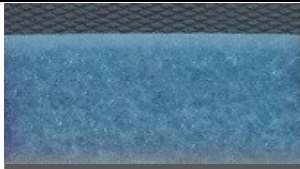
Nylon. Rolls 25 meters

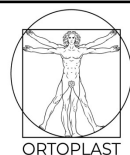
Color	Size	Reference LOOP	Reference HOOK
 White 5101	20 mm	45700320/E	45710320/E
	25 mm	45700325/E	45710325/E
	30 mm	45700330/E	45710330/E
	38 mm	45700338/E	45710338/E
	50 mm	45700350/E	45710350/E
 Blue 5178	25 mm	45700425/E	45710425/E
	30 mm	45700430/E	45710430/E
	38 mm	45700438/E	
	50 mm	45700450/E	45710450/E
 Red 5126	25 mm	45700525/E	45710525/E
	30 mm	45700530/E	45710530/E
	38 mm	45700538/E	
	50 mm	45700550/E	45710550/E
 Black 5260	25 mm	45700825/E	45710825/E
	30 mm	45700830/E	45710830/E
	38 mm	45700838/E	45710838/E
	50 mm	45700850/E	45710850/E
 Beige 5219	25 mm	45700925/E	45710925/E
	30 mm	45700930/E	45710930/E
	38 mm	45700938/E	45710938/E
	50 mm	45700950/E	45710950/E



HOOK & LOOP

Nylon. Rolls 25 meters

Color	Size	Reference LOOP	Reference HOOK
 Pink Neon 5262	30 mm	45702330/E	45712330/E
	38 mm	45702338/E	
 Pink 5133	30 mm	45701430/E	45711430/E
	38 mm	45701438/E	
LOOP 45702638/E	LOOP 45701638/E	LOOP 45709238/E	
 Yellow Neon 5147	 Yellow 5108	 Orange 5119	
LOOP 45702238/E	LOOP 45700738/E	LOOP 45701838/E	Size
 Orange Neon 5118	 Lilac 5261	 Light Blue 5173	38 mm



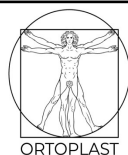
HOOK & LOOP

Rolls 25 meters



Adhesive hook and loop

Color	Size	Reference LOOP	Reference HOOK
 White 5101	20 mm	45800320/E	45810320/E
	25 mm	45800325/E	45810325/E
	30 mm	45800330/E	45810330/E
 Beige 5219	30 mm	45800930/E	45810930/E
 Blue 5178	30 mm	45800430/E	45810430/E

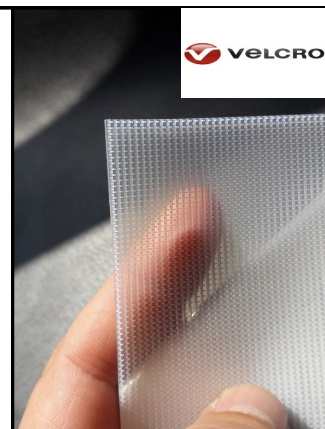


FASTENING TAPES HOOK & LOOP

Plastic Hook and strong adhesive

CLEAR HOOK WITH STRONG ADHESIVE

V-Clear is a closure system manufactured by injection. It's a hook of high durability and resistance, very thin and with specific adhesive for the plastics of our sector. Easy to cut with scissors. Original Velcro tape.

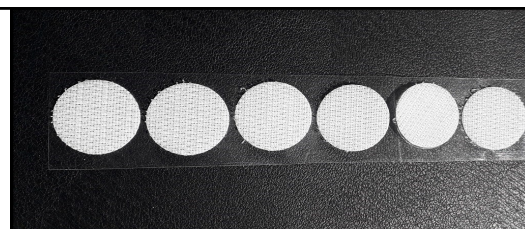


Rolls of 25mts

Reference	Description	Size	Type
45201238/E	V. CLEAR TRANS-	38 mm	HOOK

COIN / HOOK Self adhesive

White color

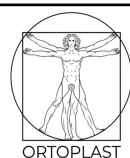


Reference	Description	Diameter Ø	Units roll
45900320/E	COINS Self adhesi-	20mm	1080 coins
45900325/E	COINS Self adhesi-	25mm	890 coins
45900335/E	COINS Self adhesi-	35mm	650 coins

COIN / LOOP Self adhesive

White color

Reference	Description	Diameter Ø	Units roll
45910320/E	COINS Self adhesi-	20mm	1080 coins
45910325/E	COINS Self adhesi-	25mm	890 coins
45910335/E	COINS Self adhesi-	35mm	650 coins

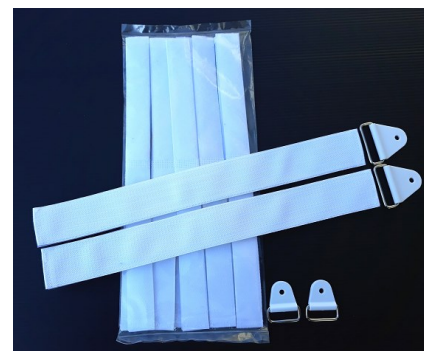


COVER STRAP FOR SPINAL ORTHOSIS

COVER STRAP Velcro sewn to Ratier tape

10 cover strap + 10 chafes

Reference	Size	Colour
45430325/E	25mm x 300mm	White
45420338/E	38mm x 330mm	White
45430338/E	38mm x 380mm	White



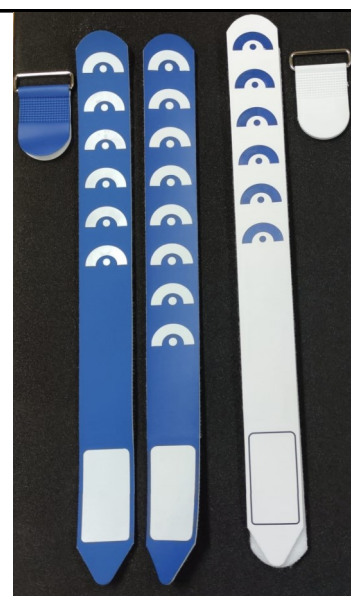
COVER STRAP & CHAFES Soft PU flexible and soft touch.

10 cover strap + 10 chafes

Reference	Size	Colour
45400325/E	25mm x 300mm	White
45400338/E	38mm x 400mm	White

10 cover strap + 10 chafes

Reference	Size	Colour
45400425/E	25mm x 300mm	Blue
45400438/E	38mm x 400mm	Blue



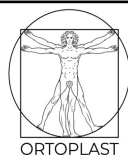
COVER STRAP & CHAFES Soft PU flexible and soft touch.

10 cover strap + 10 chafes

Reference	Size	Colour
45410325/E	25mm x 300mm	White
45410338/E	38mm x 400mm	White

We transfer your logo
Minimum order 10 packs





CLOUSURE SYSTEMS

BUCKLES

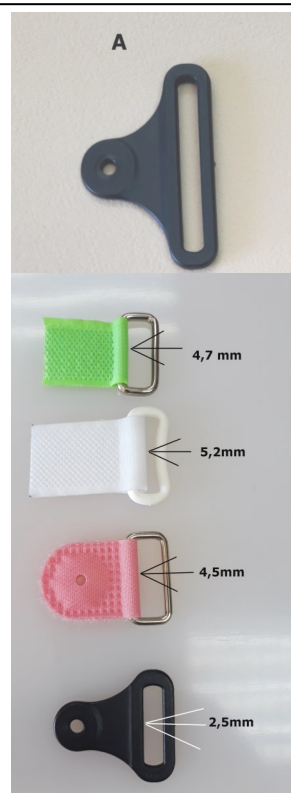
Type A unbreakable Nylon: Flat and thin

Pack of 10 units

Size	Color WHITE	Colour BLACK
25 mm	45510325/E	45510825/E
30 mm	45510330/E	45510830/E
40 mm	45510340/E	45510840/E
50 mm	45510350/E	45510850/E

Pack of 100 units

Size	Color WHITE	Colour BLACK
25 mm	45500325/E	45500825/E
30 mm	45500330/E	45500830/E
40 mm	45500340/E	45500840/E
50 mm	45500350/E	45500850/E



NYLON CHAFES

Manufactured and mold developed by us: THIN COMFORT

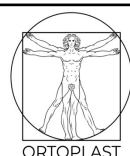
Pack of 10 units

45510425/E BLUE	45510725/E Lilac	455112625/E Yellow	45510325/E WHITE	45512225/E Orange
45511425/E Pink	45510625/E Green			
			Size 25 mm	Price 7,83€/pack



Pack of 100 units

45500425/E BLUE	45500725/E Lilac	455012625/E Yellow	45500325/E WHITE	45502225/E Orange
45501425/E Pink	45500625/E Green			
			Size 25 mm	Price 33,39€/pack



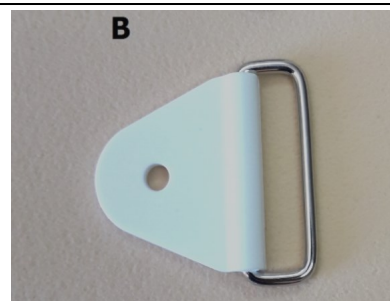
CLOUSURE SYSTEMS

BUCKLES

Type **B** of POM with welded metal loop

Quantity 10 units

Size	Colour WHITE	Colour BLACK
25 mm	45610325/E	45610825/E
40 mm	45610340/E	45610840/E
50 mm	45610350/E	45610850/E

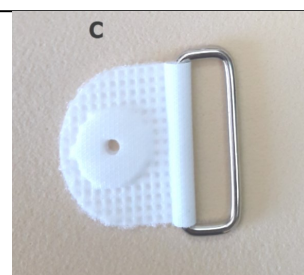


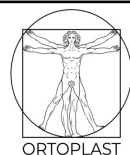
Quantity 100 units

Size	Colour WHITE	Colour BLACK
25 mm	45600325/E	45600825/E
40 mm	45600340/E	45600840/E
50 mm	45600350/E	45600850/E

Tipo **C** of reinforced velcro

Reference	Colour	Size	Quantity
45310340/E	White	40 mm	10 units



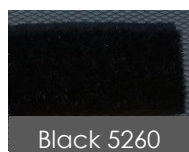


CLOUSURE SYSTEMS

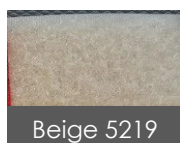
BUCKLES

Tipo D of reinforced velcro colors

Quantity 10 units



Black 5260



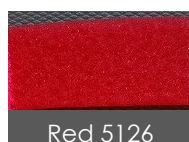
Beige 5219



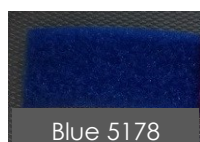
White 5101

Size

45310830/E	45310930/E	45310330/E	30 mm
45310838/E	45310938/E	45310338/E	38 mm
45310850/E	45310950/E	45310350/E	50 mm



Red 5126



Blue 5178

Size

45310530/E	45310430/E	30 mm
45310550/E	45310450/E	50 mm

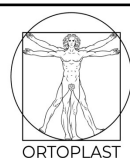


METAL, welded and nickel-plated closure

Quantity 100 units

Reference	Size	Colour
45602120/E	20 mm	Metal
45602125/E	25 mm	Metal
45602130/E	30 mm	Metal
45602140/E	40 mm	Metal
45602150/E	50 mm	Metal





BANDAGES CASTING ROOM

FOR TAKING MOLDS

NEALCAST Casting Tape was designed by and for Orthopaedic casting professionals who look for a superior handling experience and a smooth, strong finished cast.

The most popular size at the best price

Box 10 units



Reference	Colour	Size Inch	SizeCm
46100303/E	White	3"	7,5cm x 3,6 mts

FAST HARDENING PLASTER BANDAGES

PLASTER OF PARIS

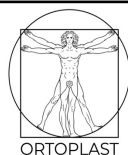
Made with a special Hi-tech formulation Gypsum

**The brand doesn't matter.
If you try it you will repeat it for sure!**



Hardening time 2-3 minuts

REFERENCE	Size	Unit Box
46000315/E	15cm x 3,0mts	14 units
46000320/E	20cm x 2,7ms	10 units



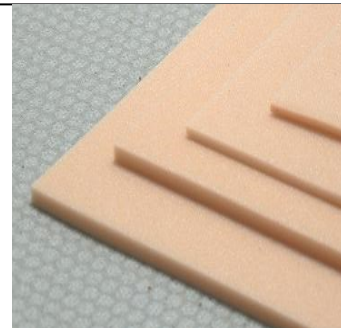
FOAMS

PLASTAZOTE® FOAMS

PLASTAZOTE®

Are Cross-linked polyethylene foams of high purity, with expansion by pressure nitrogen injection.

used for a linings and general padding.



VALUES OF MATERIAL

Density Kg/m3: 45

Reference	Thickness	Size	Color
21100203/E	3,00 mm	2000 x 1000 mm	Skin
21100206/E	6,00 mm	2000 x 1000 mm	Skin
21100212/E	12,00 mm	2000 x 1000 mm	Skin

PLASTAZOTE®

Special for Plagiocephaly Helmets

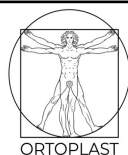


VALUES OF MATERIAL

Density Kg/m3: 45

Reference	Thickness	Size	Colour
21120312/E	12,00 mm	2000 x 1000 mm	White





LINING FOAMS

PE FOAM & PE-EVA

AIRFOAM/VOLARA/ALIPLAST

Is a type of closed cell PE foam padding for lining the inside of braces.

VALUES OF MATERIAL

Density Kg/m³: 70

Reference	Thickness	Wide	Quantity
21220303/E	3,00 mm	150 cm	Roll 10 mts
			Roll 150 mts
21220306/E	6,00 mm	150 cm	Roll 10 mts
			Roll 100 mts



CO-50 FOAM (like evazote)

PE-EVA 50 FOAM

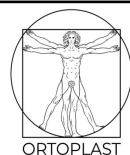
Seats foams

VALUES OF MATERIAL

Density Kg/m³: 50

Reference	Thickness	Size	Color
28000810/E	10,00 mm	2000 x 1000 mm	Black
28000820/E	20,00 mm	2000 x 1000 mm	Black
28000830/E	30,00 mm	2000 x 1000 mm	Black
2800410/E	10,00 mm	2000 x 1000 mm	Blue
2800420/E	20,00 mm	2000 x 1000 mm	Blue
28000430/E	30,00 mm	2000 x 1000 mm	Blue





EVA FOAM FOR TIBIAL COVER

COSMETIC FOAM COVER

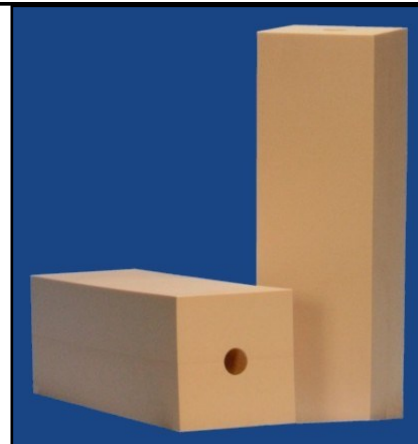
EVALAST-BLOCK

Made with EVA foam

Trans-tibial prostheses

VALUES OF MATERIAL

⇒ Density Kg/m³: 33



Reference	For tube adapter	Width x long x height	Color
23600230/E	30 Ø	160 x 160 x 480 mm	Skin



PE FOAMS

POLYETHYLENE FOAMS

MULTIFORM 170

PE (rigid polyethylene foam) for the construction of prosthetic socket and orthopedic insoles.

The **Multiform 170** do not change thickness when subjected to temperature and also does not vary the Shore hardness.

⇒ Density Kg/m³: 170

⇒ thermoforming temperatures: 110°C



Reference	Thickness	Size Sheet	Colour
20820205/E	5,00 mm	1000 x 1000	Skin
20820206/E	6,00 mm	1000 x 1000	Skin
20820208/E	8,00 mm	1000 x 1000	Skin

MULTIFORM 140

PE + EVA (semi-rigid polyethylene foam) for the construction of more comfortable prosthetic socket and also for orthopedic insoles

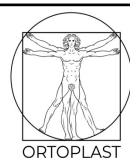
The **Multiform 140** do not change thickness when subjected to temperature and also does not vary the Shore hardness.

⇒ Density Kg/m³: 140

⇒ thermoforming temperatures: 110°C

Reference	Thickness	Size Sheet	Colour
20830202/E	2,00 mm	1050 x 1050	Skin
20830205/E	5,00 mm	1050 x 1050	Skin
20830206/E	6,00 mm	1050 x 1050	Skin

⇒ You can make manufactures on request, in other thicknesses and colors,
do not hesitate to contact us.



MICROTEX LINING

MICROTEX Microfiber synthetic leather

BREATHING
Transpiración

LIGHT
Ligero

MICROFIBER
Microfibra

ABSORPTION
Absorción

FAST DRY
Secado rápido

DESABSORPTION
Desabsorción

100% BREATHABLE MICROFIBER
Microfibra 100% transpirable



BREATHING
Transpiración



ABSORPTION
Absorción



DESABSORPTION
Desabsorción



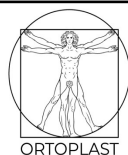
LIGHT
Ligero



MICROFIBER
Microfibra



FAST DRY
Secado rápido



TECHNICAL FABRIC ORTHOTICS LINING

MICROTEX 100% Breathable Microfiber and MICROTEX SOFT (synthetic leather)

MICROTEX 100% breathable microfiber an alternative to animal leather.
The latest generation of microfiber.

MICROTEX _thickness 0,8mm

Reference	Colour	Size
299050012/E	Nut (50012)	Sheet: 140cm x 100cm Roll: aprox 50 mts (wide 140 cm)

MICROTEX Micro Perforated thickness 0,8mm

Reference	Colour	Size
299450012/E	Nut (50012)	Sheet: 140cm x 100cm Roll: aprox 50 mts (wide 140 cm)

AVAILABILITY TO SERVE IN OTHER COLORS, [minimum order 1 roll](#),
look at color options on the following pages



* ROJO 50070



* CIELO 50067



* TABACO 50025



* RIOJA 50033



* PISTACHO 50069



* OCÉANO 50021



* MARRÓN 50019



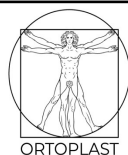
* NEGRO 50016



* NARANJA 50054



* MARINO 50017



TECHNICAL FABRIC ORTHOTICS LINING

MICROTEX colors

MICROTEX AVAILABILITY TO SERVE IN OTHER COLORS, [minimum order 1 roll.](#)



BLANCO 50001



CORINA 50083



SAHARA 50055



NATUR 50060



YUHA 50089



MALVA 50031



TIERRA 50039



SAVIA 50032



GRAU 50059



* ALBA 50074



NUEZ 50012



TOPO 50004



NIEBLA 50038



* MOSQUETA 50056



MAÍZ 50010



KANGURO 50018



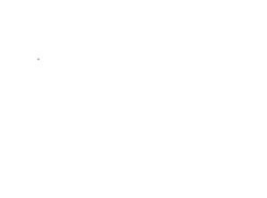
* PETRÓLEO 50009



* CANDY 50073



NOUGAT 50036



* OLIVA 50027



* ASFALTO 50023



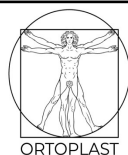
* CAMELIA 50072



* CAMEL 50046



* MUSGO 50041



TECHNICAL FABRIC ORTHOTICS LINING

MICROTEX colors

MICROTEX AVAILABILITY TO SERVE IN OTHER COLORS, [minimum order 1 roll.](#)



ÁRTICO 10084



TOPO 10004



BEIGE 10003



TRIGO 10062



CRISTAL 10049



PIEDRA 10095



KALAHARI 10082



SILVER 10020



VAINILLA 10030



JARAN 10093



TENERÉ 10086



ACERO 10011



NATUR 10060



TIERRA 10039



ARENOSO 10085



KANGURO 10018



NOUGAT 10036



ALAZÁN 10090



* BOTELLA 10100



* PETRÓLEO 10009



* CAFÉ 10087



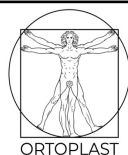
* NOCHE 10091



* ASFALTO 10023



* CARBÓN 10088



TECHNICAL FABRIC ORTHOTICS LINING

MICROTEX colors

MICROTEX AVAILABILITY TO SERVE IN OTHER COLORS, [minimum order 1 roll.](#)

METALLIC



* ROSA 40002



* VAINILLA 40030



* TOPO 40004



* SILVER 40020



* ACERO 40011



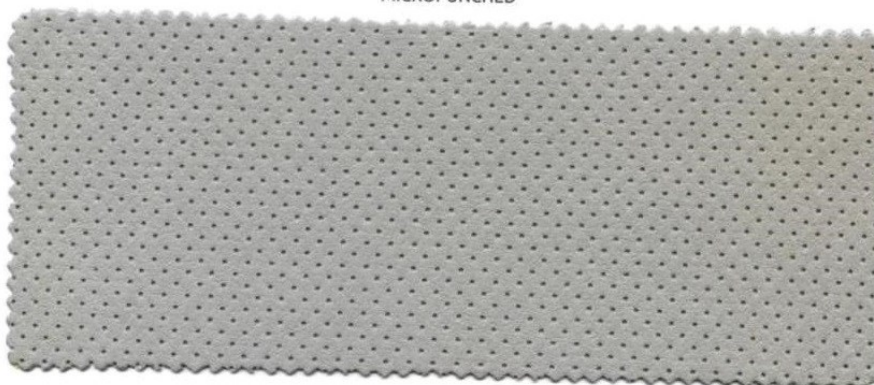
* ALICE 40022



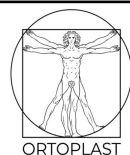
TYPES OF PERFORATIONS



MICROPUNCHED



PERFORATED



MICROTEX SOFT TOUCH

MICROTEX SOFT PU & Polyester Breathable

MICROTEX SOFT Synthetic leather

60% Breathable, known as synthetic leather soft touch.
Composed by 50%,PU 50% Polyester Weight:300g/m2

MICROTEX SOFT thickness 0,70mm

Reference	Color	Size
29900200/E	Camel (number 3)	Sheet: 140cm x 100cm Roll: aprox 50 mts (wide140 cm)

MICROTEX SOFT perforated, thickness 0,70mm

Reference	Color	Size
29940200/E	Camel (number 3)	Sheet: 140cm x 100cm Roll: aprox 50 mts (wide140 cm)

AVAILABILITY TO SERVE IN OTHER COLORS, [minimum order 1 roll.](#)



1



2



3

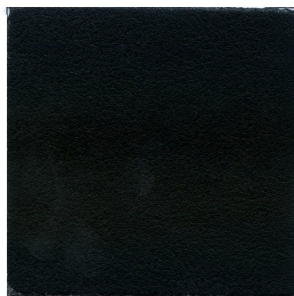


4

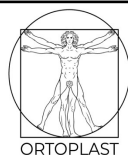
MICROTEX SOFT. COLORS



5



6



SHOCKICEL®AIR

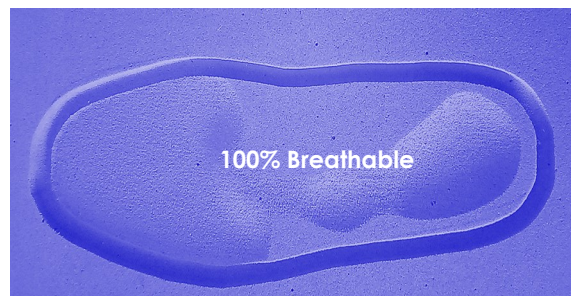
CAD/CAM MONOBLOCK/BREATHABLE

SHOCKICEL®AIR is a structured, open-cell polyurethane foam, **100% Breathable**
Specially developed for use in the CAD CAM milling foot orthotics.

- ⇒ 100% Breathable
 - ⇒ 95 % Restoring force
 - ⇒ ultra-lightweight
 - ⇒ Moisture absorption
 - ⇒ **SHOCKICEL®AIR** Optimal pressure distribution
- Shore A 20 BLUE color**

Over time, unlike traditional orthotics, the compression modulus of **SHOCKICEL®AIR** insoles is less than 5%, so the cushioning is maintained at 95% without deforming or loss of thickness.

Providing maximum comfort and sweat-free.



CAD CAM BLOCKS

Thickness	Size
35,00 mm	350 x 300 mm
OTHER SIZES AVAILABLE	

SHEETS

Thickness	Size
3,00 mm	750 x 1000 mm
5,00 mm	750 x 1000 mm
35,00 mm	1500 x 1000 mm



EVA FOAM New formulation



EVAPLUS

Foot orthosis DAFOS's Kafos and foot orthotics

2024 NEW FORMULA

- ⇒ It does not shrink or lose thickness due to heat.
- ⇒ Excellent rebound for your orthotics
- ⇒ Shore A 25-30
- ⇒ thermoforming temperatures: 80°C Time in Oven :1 minute.

20200603/E	20200703/E	20201603/E	20202203/E
20200403/E	20200503/E	20201403/E	

Thickness

Size

3,00 mm

110cmx 110 cm

EVA MULTICOLOR Foot orthosis linings, DAFOS's , etc.

- ⇒ Shore A 30-35
- ⇒ thermoforming temperatures: 90°C

<i>Pink/ White</i>	<i>Blue / White</i>	Thickness	Size Sheet
21721402/E	21720402/E	2,00 mm	2000 x 1000 mm
21721403/E	21720403/E	3,00 mm	2000 x 1000 mm

ORTOFOAM EXTRA HARD Heel base

- ⇒ Shore A 50-55
- ⇒ thermoforming temperatures: 90°C

20520310/E	20520810/E
White	Black
20520410/E	20521410/E
Blue	Pink

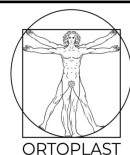
Thickness

Size

10,00 mm

950 x 950 mm





FOAM LINERS

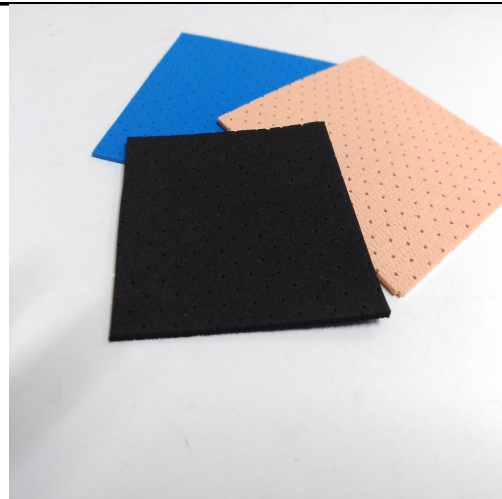
ORTOFOAM MEDIUM Perforated

ORTOFOAM MEDIUM Perforated

Shore A 30-35

⇒ Lining foot orthotics

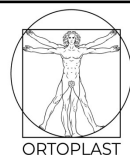
⇒ Thermoforming temperatures: 90 °C



Reference	Thickness	Sheet Size	Colour
20600201/E	1,50 mm	2000 x 1000 mm	Flesh
20600202/E	2,00 mm	2000 x 1000 mm	Flesh
20600203/E	3,00 mm	2000 x 1000 mm	Flesh

Reference	Thickness	Sheet Size	Colour
20600401/E	1,50 mm	2000 x 1000 mm	Blue
20600402/E	2,00 mm	2000 x 1000 mm	Blue
20600403/E	3,00 mm	2000 x 1000 mm	Blue

Reference	Thickness	Sheet Size	Colour
20600801/E	1,50 mm	2000 x 1000 mm	Black



DIABETIC FOAM

ORTOFOAM SOFT LUNALASTIK



Shore A 20-25

- ⇒ Diabetic foot orthotics same as LUNALASTICK
- ⇒ No shrinkage or loss of thickness
- ⇒ Excellent propulsion, comfort and recovery menor
- ⇒ Thermoforming temperatures: 80 °C
- ⇒ Time in Oven: 1 minute in 3mm



Reference	Thickness	Size Sheet	Colour
20330202/E	2,00 mm	100 cm x 100 cm	Beige
20330203/E	3,00 mm	100 cm x 100 cm	Beige
20330205/E	5,00 mm	100 cm x 100 cm	Beige

EVAPORON

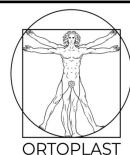


- ⇒ **EVAPORON** is meant to keep its shape, cushioning, and contouring precisely in response to pressure.
- ⇒ Once the pressure is released, the cushioning foam will expand to its full size or until it meets a new obstacle. This is a method of creating physical memory.
- ⇒ **EVAPORON** foam is a microcellular EVA foam with high compression set resistance and high energy absorption
- ⇒ This foam has close cell, which allows for greater resiliency and longevity, even after multiple impacts.

Reference	Thickness	Size Sheet	Colour
28830902/E	2,00 mm	80 cm x 120 cm	Beige
28830903/E	3,00 mm	80 cm x 120 cm	Beige
28830906/E	6,00 mm	80 cm x 120 cm	Beige

EVAPORON ITS SURFACE IS NOT HOMOGENEOUS

Slight color changes and some micro holes
IT MUST BE LINED Or between layers.



EVA FOAM

ORTOFOAM MEDIUM

ORTOFOAM MEDIUM

Shore A 30 - 35

- ⇒ Custom foam foot orthotics
- ⇒ Thermoforming temperature: 90 °c

Reference	Thickness	Size Sheet	Colour
20200201/E	1,50 mm	1000 x 1000	Flesh
20200202/E	2,00 mm	1000 x 1000	Flesh
20200203/E	3,00 mm	1000 x 1000	Flesh
20200205/E	5,00 mm	1000 x 1000	Flesh
20200206/E	6,00 mm	1000 x 1000	Flesh
20200210/E	10,00 mm	1000 x 1000	Flesh



Reference	Thickness	Size Sheet	Colour
20200802/E	2,00 mm	1000 x 1000	Black
20200803/E	3,00 mm	1000 x 1000	Black
20200805/E	5,00 mm	1000 x 1000	Black



Reference	Thickness	Size Sheet	Colour
20200402/E	2,00 mm	1000 x 1000	Blue
20200403/E	3,00 mm	1000 x 1000	Blue
20200405/E	5,00 mm	1000 x 1000	Blue





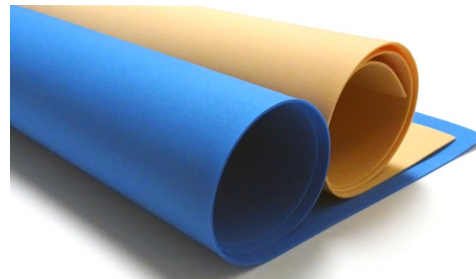
EVA FOAM

ORTOFOAM HARD

ORTOFOAM HARD

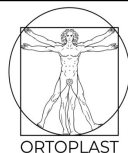
Shore A 40 - 45

- ⇒ Have many uses, arch supports
- ⇒ Have fine cell structures
- ⇒ Easy to machine
- ⇒ Typical thermoforming temperatures: 110 °C



Reference	Thickness	Sheet Size	Colour
20100202	2,00 mm	1000 x 1000 mm	Flesh
20100203	3,00 mm	1000 x 1000 mm	Flesh
20100204	4,00 mm	1000 x 1000 mm	Flesh
20100205	5,00 mm	1000 x 1000 mm	Flesh
20100210	10,00 mm	1000 x 1000 mm	Flesh

- ⇒ *You can make manufactures on request, in other thicknesses and colors, do not hesitate to contact us.*



SHOCKICEL® COMPOSITES

We are pleased to present a new generation of composites with the latest technology, the result of a long process of collaborations and technical developments.

SHOCKICEL® GLASS PP **economic**



It is the most economical composite in the orthopedic sector internationally.

This new development of glass fibers and PP resin gives it extraordinary rigidity, which makes this new composite the best technical and economic option for the manufacture of insoles and rigid orthoses.

SHOCKICEL® GLASS PP

A continuous fibber structure, fully consolidated with a thermoplastic polypropylene polymer, provides the maximum possible strength and stiffness. The regularly arranged continuous glass fibbers give it an attractive carbon-like appearance.

More rigid than the **economic** version and at the same time a more aesthetic carbon-type finish.

SHOCKICEL® TPU **silver**

Composed of glass fibers and TPU resin. TPU confers a result of much more rigidity, compared to PP

Composed of a 3K silver outer layer.

Attractive aesthetic result.

SHOCKICEL® TPU **FLEX**



Made of TPU matrix resin intertwined with continuous UD fiberglass filaments.

It is the first composite on the market, developed as an alternative to reinforcing resins sheets

With only 0.75 mm thickness all technical needs are covered

The thinnest and lightest insoles in the sector

Excellent rigidity and elasticity (no fatigue or deformation)

Stiffness equivalent to the sum of two 1. + 1.7mm resins

No need to reinforce

Saves time and money in manufacturing

The most thin and lightweight insoles

SHOCKICEL® HYBRID **TL**

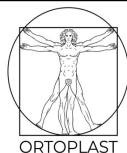


It is a composite of maximum rigidity.

Composed of various layers of fiberglass and 2 external layers of carbon fiber to give it the rigidity and definitive appearance of carbon.

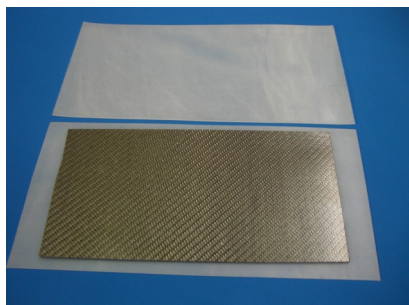
Its rigidity and price make it the best option, technically and economical **to the popular TL 2100**

It comes in 2 thicknesses of 2 and 2.5mm



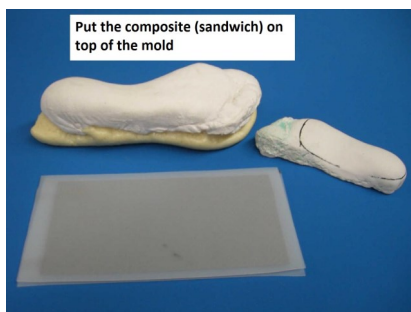
SHOCKICEL® COMPOSITES

WORK WIDE



We always recommend working with the sandwich method for 2 reasons.

- 1 because a better surface finish is achieved
- 2 Because Composites in general cool very quickly, silicone maintains the temperature. .



We put our composite between the 2 layers of silicone (sandwich)

The oven time and temperature will be determined by the type of composite

When removing the (sandwich) from the oven we will check that all this is well softened and flexible.



Quickly we will place the sandwich on the mould and we start the vacuum

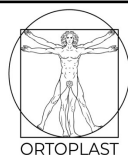
We will maintain the vacuum for a minute or more, while the material cools, to prevent it from deforming, while we can wipe a damp cloth over it.

IMPORTANT:

To obtain a good compaction of the different layers and an aesthetic finish, we will work recommend of 0.40 BAR of pressure

Once the sandwich has cooled, we separate the silicones and begin to cut and polish our insoles





SHOCKICEL® COMPOSITES

SHOCKICEL® GLASS PP economic



PRODUCT TYPE: Glass fiber reinforced with PP matrix resin

Vacuum moulding: Orthotic rigid Insoles

Temperature: 210 °C

Time in oven: 2 minutes for 1,5mm 3 minutes for 2mm

Vacuum : Recommended a minimum 0.50 BAR

RIGIDITY factor level: 1,5mm/ **7** 2mm/ **8.5**



Reference	Thickness	Size	Colour
21050815/E	1,50 mm	620 x 1000 mm	Black
21050820/E	2,00 mm	620 x 1000 mm	Black

SHOCKICEL® GLASS PP more rigid that the Economic

PRODUCT TYPE: Glass fiber 3 K reinforced with PP matrix resin

Vacuum: Orthotic rigid Insoles

Temperature: 210 °C

Color: black

Time in oven: 3 minutes 1,5mm

Vacuum : Recommended a minimum 0,50 BAR

RIGIDITY factor level: 1,5mm/ **8**



21 x11,5 cm

Reference	Thickness	Size	Colour
21034115/E	1,50 mm	620 x 1000 mm	Black
21010415/E	1,50 mm	210 x 115 mm	Black

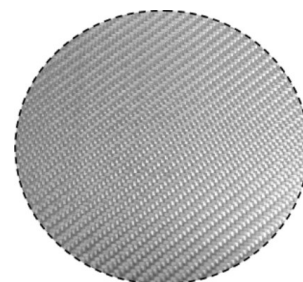
SHOCKICEL® TPU silver More rigid that GLASS PP.

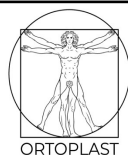
Glass fiber & TPU. Temperature: 220 °C

Composed glass and 1 silver outer layer.

Time in oven: 3 minutes 1,5mm

Reference	Thickness	Size	Colour
21002112/E	1,25 mm	620 x 1000 mm	Silver / Nature
21002115/E	1,50 mm	620 x 1000 mm	Silver / Nature





SHOCKICEL® COMPOSITES

SHOCKICEL® TPU FLEX NEW

THE NEW & UNIQUE ALTERNATIVE TO REFORCING RESIN SHEETS

PRODUCT TYPE: Glass fibre reinforced with PU matrix resin

Temperatures: 170 °C

Time in oven: 3 minutes

0,75mm of thickness

Vacuum : Recommended a minimum 0.40 BAR

No other thickness is needed to obtain a perfect orthotic insole.

The thinnest and lightest insoles in the sector

Excellent rigidity and elasticity (no fatigue or deformation)

Perfect rigidity and elasticity without micro cracks

RIGIDITY factor level: Similar to 2 fused layers of resin 1,2mm + 1,7mm



Reference	Thickness	Size	Colour
21001175/E	0,75 mm	500 x 1000 mm	Nature

SHOCKICEL® HYBRID TL NEW

COMPOSITION: Glass fiber & carbon, reinforced and PU matrix resin

It is a composite of maximum rigidity.

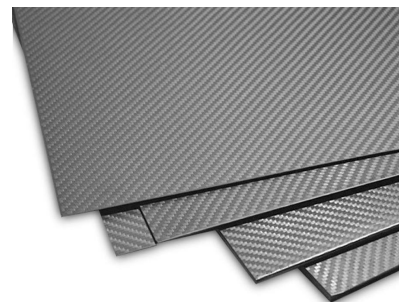
Composed of several layers of fiberglass and 2 outer layers of carbon fiber, rigidity and definitive appearance of carbon.

Its rigidity and price make it the best option, technical and aesthetic to the popular TL 2100

It comes in 2 thicknesses of 2 and 2.5mm

Temperature: 240 °C RIGIDITY factor level: 2 mm/ **9** RIGIDITY factor level: 2.5 mm/ **10**

Time in oven: 5 minutes



Reference	Thickness	Size	Colour
	2,00 mm	620 x 1000 mm	Black
	2,50 mm	620 x 1000 mm	Black



THERMOFLEX

NEW GENERATION OF THERMOPLASTIC TFI

TFI is a state-of-the-art thermoplastic designed with polyester resin soul. Developed among Ergo-Natural, a company specialized in the manufacture of orthopaedic solutions. Fully translucent, perfect for making plantar orthoses with the best performance.

Molding:

- ⇒ **1,50mm TFI** Put in the oven when it has a temperature of 90-95 °C. **Not exceed 100°C**
Baking time: 2.30 minutes
- ⇒ **2,00 mm TFI** Put in the oven when it has a temperature of 90-95 °C. **Not exceed 100°C**
Baking time: 3.30 minutes

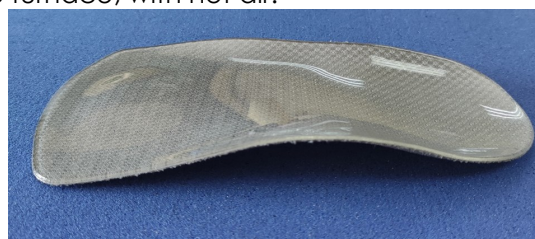
Note: Temperature study, carried out in an electric resistance furnace, with hot air.

Remarks: TFI cools quickly.

The GRAPHIX fabric part can be used.

Superior (facilitates gluing of any material to cover)

Bottom (as a definitive lining)



TFI CLEAR SHEET

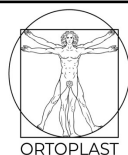


Reference	Description	Size Sheet	Thickness
TFI 11.191.40/E	TFI Clear Sheet	60 cm x 40 cm	1,5 mm

TFI CLEAR SHEET with synthetic fabric



Reference	Description	Size Sheet	Thickness
TFI 11.191.42/E	TFI Clear Sheet with fabric	60 cm x 40 cm	1,5 mm



POLYSTAR INSOLES

POLYSTAR moldable at low temperature, in hot water or with an air gun

POLYSTAR orthotic insoles are considered the premier insole support because of their design and thinness in profile.

POLYSTAR 3/4 length shoe inserts can adjust to a variety of heel heights.

POLYSTAR insoles have an ultra-thin heel, semi-rigid arch, and a full guarantee against breakage.

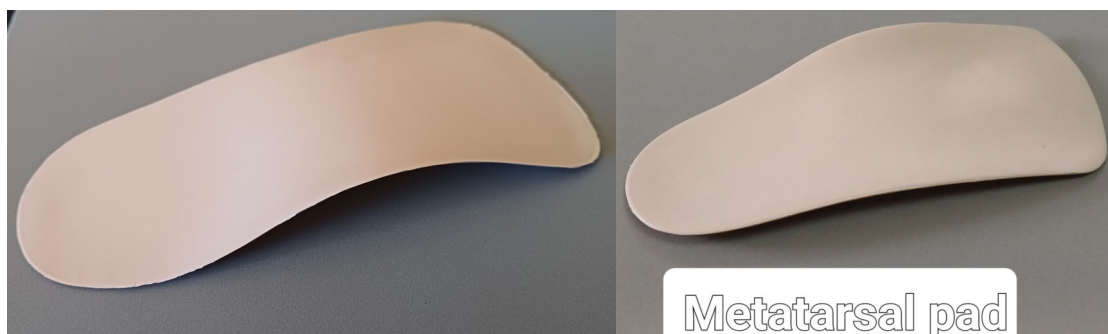
POLYSTAR insoles are a versatile polyester resin orthotic suitable for back pain, posture related symptoms, metatarsalgia, arch pain, knee pain and tendon pain.

POLYSTAR Insoles are a very strong yet lightweight and thin orthotic and a posting can be easily applied with adhesive.

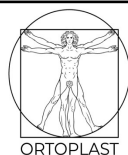
Available in a choice of shoe sizes to suit most patients.

Sold I Pairs

Oven temperature 160 °C for total thermoforming



Reference	Description	Size	Shoe Size
50100201/E	Metatarsal pad	2	33-34
		3	35-36
		4	37-38
		5	39-40
		6	41-42
		7	43-44
		8	45-46
50100202/E	Without Metatarsal Pad	2	33-34
		3	35-36
		4	37-38
		5	39-40
		6	41-42
		7	43-44



ALTERNATIVE FOAM TO POLYURETHANE

SHOCKICEL® FOOT FOAMS

SHOCKICEL® SHOCK

- ⇒ Excellent shock absorption.
- ⇒ Long life material.
- ⇒ Soft touch and comfort.
- ⇒ Closed cell foam.
- ⇒ Not heat moldeable.



Reference	Thickness	Size	Colour
20900401/E	1,50 mm	2000 x 1000 mm	Blue
20900403/E	3,00 mm	2000 x 1000 mm	Blue

SHOCKICEL® XSC

- ⇒ Extreme impact protection.
- ⇒ Absorbs up to 90% of the energy
- ⇒ Soft touch and comfort.
- ⇒ Open cell foam.

One of the faces of the foam will always be inhomogeneous at the surface level, always presenting slight marks. This side is the one that is glued to other materials



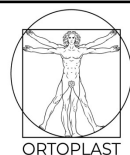
Reference	Thickness	Wide	Size
29131603/E	3,00 mm	100 cm	Sheet 1000 x 1000
Roll aprox 31 mts			

ORTHOIMPACT/confortene

is a synthetic rubber that reduces the impact wave between 94 and 98% Being very rigid, soft and un-breakable

- ⇒ Very suitable for working under milling blocks and as a ground sole pattern
- ⇒ Excellent shock absorption.
- ⇒ Not heat moldeable.
- ⇒ Ideal for milling with CAD CAM

Reference	Thickness	Size	Colour
20910802-414/E	2,00 mm	700 x 850 mm	Black
20910804-414/E	4,00 mm	700 x 850 mm	Black

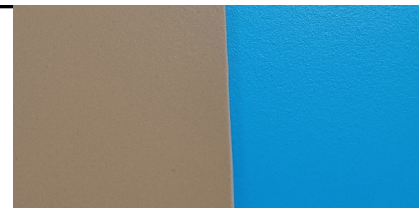


ALTERNATIVE FOAM TO POLYURETHANE

SHOCKICEL® FOOT FOAMS

SHOCKICEL ® TRANSPIRA

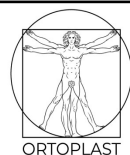
- ⇒ Excellent cushioning and shock absorption
- ⇒ Really breathable. Open Cell
- ⇒ Not heat moldeable.



*One of the faces of the foam will always be inhomogeneous at the surface level, always presenting slight marks.
This side is the one that is glued to other materials*

Reference	Color	Thickness	Wide	Size
22930401/E	Blue	1,50 mm	100 cm	Sheet 1000 x 1000 Roll aprox. 46mts
22930403/E-137	Blue	3,00 mm	NEW 137 cm	Sheet 1370 x 1000 Roll aprox. 23 LM
22930902/E-137	Beige	2,00 mm	NEW 137 cm	Sheet 1370 x 1000 Roll aprox. 31 LM
22930903/E-137	Beige	3,00 mm	NEW 137 cm	Sheet 1370 x 1000 Roll aprox. 23 LM
22930904/E-137	Beige	4,00 mm	NEW 137 cm	Sheet 1370 x 1000 Roll aprox. 18 LM
22930906/E-137	Beige	6,00 mm	NEW 137 cm	Sheet 1370 x 1000 Roll aprox. 18 LM

Possibility of supplying SHOCKICEL TRANSPIRA in 9mm, do not hesitate to contact us.



ALTERNATIVE FOAM TO POLYURETHANE

SHOCKICEL® FOOT FOAMS

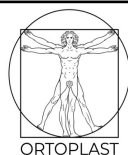
SHOCKICEL® RED MEMORY

- ⇒ Deep memory foam
- ⇒ Reproduction of the foot discharges.
- ⇒ Slow recovery.
- ⇒ Breathable.
- ⇒ Impact absorption
- ⇒ Not heat moldeable



One of the faces of the foam will always be inhomogeneous at the surface level, always presenting slight marks. This side is the one that is glued to other materials

Reference	Thickness	Wide	Size
24939402/E	2,00 mm	100 cm	Sheet 1000 x 1000 Roll aprox. 31mts
24939403/E-137	3,00 mm	NEW 137 cm	Sheet 1370 x 1000 Roll aprox. 23 LM
24939445/E	4,50 mm	100 cm	Sheet 1000 x 1000 Roll aprox. 23mts
24939406/E	6,00 mm	100 cm	Sheet 1000 x 1000 Roll aprox. 23mts



ACCESORIES

SILICONE & ADHESIVE

SILICONA SHEET

For thermoforming machines and sándwich technique to work SHOCKICEL® Composite



Reference	Thickness	Size	Colour
21021200/E	1,00 mm	1200 x 1000 mm	White
21001200/E	1,00 mm	120 x 240 mm	White

ADHESIVE EXTRA-Strong (GLUE)

ORTHO SPRAY

- ⇒ Specific for sticking EVA or PE foams to major orthopaedic plastics.
- ⇒ It also allows us to glue breathable materials to line insoles such as our MICROTEx and others.
- ⇒ Maintains 100% breathability because the adhesive is distributed in the form of spider web.

Use mode: Make two slow and generous passes 20 cm away to the two materials you want to join, wait 30 seconds before joining them. In case of bonding from plastics to foams, it is recommended to sand both materials and apply adhesive to the two materials

Reference

31000001/E

