



30-60%



RECYCLING



POLYMER

PRODUCTSHEET

Orthoplast



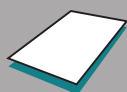
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Properties



ADHESIVE

Both sides / Polyester
in compound



DELIVERY

1.00 x 1.50 m / 0.75 x 1.00 m



CUTTING

Diagonally

Non-woven polyester base impregnated with synthetic resins and coated with a special adhesive for sticking in oily leathers in one side. Line of thermoplastic material with upper hardness that provides excellent resistance and durability suitable for orthopaedic footwear. It satisfies the highest quality requirements, providing excellent shape retention, even after intense use.

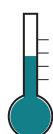
- Highly reliable bonding to a wide variety of materials
- Adhesive is in the compound
- The edges turn fluid during processing and therefore end up smooth
- Due to heat the adhesive will be activated and the material will be softened
- Material stays in shape after cooling process
- It can be heated up and preformed again many times.

Usage: for shoes, insoles or reinforcement purpose

Material Data

Types	Thickness	Size
Orthoplast	1.1 mm	1.00 x 1.50 m
Orthoplast	1.5 mm	1.00 x 1.50 m
Orthoplast	1.1 mm	0.75 x 1.00 m
Orthoplast	1.5 mm	0.75 x 1.00 m

Processing



Softening range
120°C-150°C

Bonding temperature
90°C-100°C

Temperatures can be reached with a usual hot air gun/oven or heating plates. The material gets soft and stays formable for a few seconds.

For medical device Class 1
According (EU) MDR 2017/745



Reinforcements

Manufacturer's warranty & storing: When working with multiple materials during processing, chemical reactions and incompatibilities between components should always be tested beforehand. We are not liable for damage caused by failure to follow our instructions or responses beyond our influence and control. Under normal conditions, storage is unlimited, but avoid storage in direct sun. The goods are guaranteed for 6 months from the date of delivery.

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