

» Masterflex

High Temperature Thermoplastic

Supplier:

OrtoPed Inc.

Features & Benefits:

- Durable, flexible thermoplastic
- Very little shrinkage
- Easily blistered or draped with or without seam
- Excellent bonding properties
- Does not yellow over time
- Can be reheated
- Hygienic, non-toxic and latex-free
- Available in an assortment of 14 different colors

Specifications:

- Material: *Stress relieved, high-density polyethylene*
- Thicknesses: 1.5mm ($1/16$ "*), 2mm ($3/32$ "*), 3mm ($1/8$ "*), 4mm ($5/32$ "*) and 5mm ($3/16$ "*) (*Transparent sheets only)
- Size: 1,016mm x 1,016mm (40" x 40")
- Density: 0.95g/cm³ (0.034lb/cu in)
Shore A hardness= 82
- Elastic modulus: 20 MPa
- Tensile strength: 33 MPa
- Shrinkage: < 2%
- Working temperature: 135–140 °C (275–284 °F)
- Heating time: 1–2 minutes
- Colors: See chart

Indications:

- Inner boot
- Flexible AFO
- Foot orthosis
- Trial shoes — Diagnostic interface between foot and footwear
- Thumb spica brace
- Hand/wrist orthosis
- Arm prosthesis

Call Points:

- Prosthetist
- Prosthetic technician
- Orthotist
- Orthotic technician

Warranty:

- Against manufacturers defects



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Item No.	Description	Thickness	Size	Color
EU-111P262/1	Stress relieved high-density polyethylene	1.5mm (1/16")	1,016mm x 1,016mm (40" x 40")	Transparent
EU-111P262/2	Stress relieved high-density polyethylene	2mm (3/32")	1,016mm x 1,016mm (40" x 40")	Transparent
EU-111P263/2	Stress relieved high-density polyethylene	2mm (3/32")	1,016mm x 1,016mm (40" x 40")	White
EU-111P264/2	Stress relieved high-density polyethylene	2mm (3/32")	1,016mm x 1,016mm (40" x 40")	Black
EU-111P265/2	Stress relieved high-density polyethylene	2mm (3/32")	1,016mm x 1,016mm (40" x 40")	Blue
EU-111P266/2	Stress relieved high-density polyethylene	2mm (3/32")	1,016mm x 1,016mm (40" x 40")	Sky Blue
EU-111P267/2	Stress relieved high-density polyethylene	2mm (3/32")	1,016mm x 1,016mm (40" x 40")	Midnight Blue
EU-111P268/2	Stress relieved high-density polyethylene	2mm (3/32")	1,016mm x 1,016mm (40" x 40")	Red
EU-111P269/2	Stress relieved high-density polyethylene	2mm (3/32")	1,016mm x 1,016mm (40" x 40")	Light Red
EU-111P270/2	Stress relieved high-density polyethylene	2mm (3/32")	1,016mm x 1,016mm (40" x 40")	Maroon
EU-111P271/2	Stress relieved high-density polyethylene	2mm (3/32")	1,016mm x 1,016mm (40" x 40")	Green
EU-111P272/2	Stress relieved high-density polyethylene	2mm (3/32")	1,016mm x 1,016mm (40" x 40")	Neon Pink
EU-111P273/2	Stress relieved high-density polyethylene	2mm (3/32")	1,016mm x 1,016mm (40" x 40")	Neon Yellow
EU-111P274/2	Stress relieved high-density polyethylene	2mm (3/32")	1,016mm x 1,016mm (40" x 40")	Neon Green
EU-111P275/2	Stress relieved high-density polyethylene	2mm (3/32")	1,016mm x 1,016mm (40" x 40")	Gold
EU-111P276/2	Stress relieved high-density polyethylene	2mm (3/32")	1,016mm x 1,016mm (40" x 40")	Silver
EU-111P262/3	Stress relieved high-density polyethylene	3mm (1/8")	1,016mm x 1,016mm (40" x 40")	Transparent
EU-111P262/4	Stress relieved high-density polyethylene	4mm (5/32")	1,016mm x 1,016mm (40" x 40")	Transparent
EU-111P263/4	Stress relieved high-density polyethylene	4mm (5/32")	1,016mm x 1,016mm (40" x 40")	White
EU-111P264/4	Stress relieved high-density polyethylene	4mm (5/32")	1,016mm x 1,016mm (40" x 40")	Black
EU-111P265/4	Stress relieved high-density polyethylene	4mm (5/32")	1,016mm x 1,016mm (40" x 40")	Blue
EU-111P266/4	Stress relieved high-density polyethylene	4mm (5/32")	1,016mm x 1,016mm (40" x 40")	Sky Blue
EU-111P267/4	Stress relieved high-density polyethylene	4mm (5/32")	1,016mm x 1,016mm (40" x 40")	Midnight Blue
EU-111P268/4	Stress relieved high-density polyethylene	4mm (5/32")	1,016mm x 1,016mm (40" x 40")	Red
EU-111P269/4	Stress relieved high-density polyethylene	4mm (5/32")	1,016mm x 1,016mm (40" x 40")	Light Red
EU-111P270/4	Stress relieved high-density polyethylene	4mm (5/32")	1,016mm x 1,016mm (40" x 40")	Maroon
EU-111P271/4	Stress relieved high-density polyethylene	4mm (5/32")	1,016mm x 1,016mm (40" x 40")	Green
EU-111P272/4	Stress relieved high-density polyethylene	4mm (5/32")	1,016mm x 1,016mm (40" x 40")	Neon Pink
EU-111P273/4	Stress relieved high-density polyethylene	4mm (5/32")	1,016mm x 1,016mm (40" x 40")	Neon Yellow
EU-111P274/4	Stress relieved high-density polyethylene	4mm (5/32")	1,016mm x 1,016mm (40" x 40")	Neon Green
EU-111P275/4	Stress relieved high-density polyethylene	4mm (5/32")	1,016mm x 1,016mm (40" x 40")	Gold
EU-111P276/4	Stress relieved high-density polyethylene	4mm (5/32")	1,016mm x 1,016mm (40" x 40")	Silver
EU-111P262/5	Stress relieved high-density polyethylene	5mm (3/16")	1,016mm x 1,016mm (40" x 40")	Transparent