



Product Specification Sheet

Part # 62001

781.767.4511 | www.EastexProducts.com

Product Polysil

Description

Polysil is the latest environmentally sound leather alternative to vinyl and polyurethane. It is a coated fabric made from silicone and polycarbonate without PVC (Polyvinyl Chloride) or solvents. Polysil is made with no heavy metals and is REACH, RoHS and CA Prop 65 compliant. This fabric has passed Biocompatibility testing for ISO 10993-5. Mold and mildew resistance is inherent in construction, Brushed non-woven back

Key Features

- Fluid and stain resistant
- No Heavy Metals, BPA, Plasticizers
- RoHS, REACH and CA Prop 65 Compliant
- Brushed non-woven back
- Advanced solvent-and phthalates-free technology
- Cleanable
- Highly Conformable to Complex Shapes

Applications

- Medical and Healthcare
- Seating
- Sporting Goods

Color # Black

Width 54"

Length 30 yd

Thickness 1.2 mm

Weight 720 gsm

Composition 10% Silicone, 50% Polycarbonate, 40% Polyester Backing

Test/Property	Method	Unit/Standard	Results
Tensile Strength	GB/T 4712-2014	N	Warp: ≥350
	GB/T 4712-2014	N	Weft: ≥350
Tearing Strength	GB/T 4712-2014	N	Warp: 32.3
	GB/T 4712-2014	N	Weft: 26.5
Peeling Strength	GB/T 4712-2014	N	Warp: 44
	GB/T 4712-2014	N	Weft: 43
Elongation at Break	GB/T 4712-2014	%	Warp: 64.7
	GB/T 4712-2014	%	Weft: 93.3

Test/Property	Method	Unit/Standard	Results
Biocompatibility	ISO 10993-5	Pass/Fail	Pass
Martindale Abrasion	ASTM D4966	Cycles	>150,000 cycles
Fastness to Rubbing	GB/T4712-2014	Wet	≥ Grade 4
Fastness to Rubbing	GB/T4712-2014	Dry	≥ Grade 4
Hydrolysis Resistance	Jungle Test	Weeks	≥ 5 Weeks