

General Description and Use

Argotec SKU Number	3751
Typical application	Optical interlayer film for glass lamination
Polymer	Thermoplastic polyurethane, aliphatic polyether
Extrusion method	Flat die
Gauge	10 - 100 mils (250 - 2500 microns)
Width	Up to 72 inches (1.83 meters)
Length	Up to 1000 non-spliced yards (914.4 meters)
Compatible materials	Glass, polycarbonate, acrylic, CAB
Key attributes	<ul style="list-style-type: none"> ■ Matte finish ■ Clear, non-yellowing ■ Low softening point ■ Interleaf

Typical Properties	Test Method	Value
Durometer	ASTM D-2240	77A
Ultimate tensile	ASTM D-412	6,000 psi (41.36 MPa)
Ultimate elongation		500%
100% modulus		480 psi (3.31 MPa)
200% modulus		1,200 psi (8.27 MPa)
300% modulus		1,800 psi (12.41 MPa)
Melt index @175C	ASTM D-1238	5 g/10 min
Tear strength per mil thickness (0.050"/1.27mm)	ASTM D-1004	340 pli (59.5 kN/m)
Specific gravity	ASTM D-792	1.08 g/cc
Haze	ASTM D-1003	<0.5%
Light transmission		90%
Refractive index		1.496
Yellowness index	ASTM D-1925	<1.0
Temp needed for autoclave process		80 - 150°C 175 - 302°F
Pressure needed for autoclave process		25 - 200 psi 0.17 - 1.38 MPa

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