

General Description and Use

Argotec SKU Number	29213
Typical application	Textile lamination; die cut and seal; medical devices
Polymer	Thermoplastic polyurethane, aromatic polyester
Extrusion method	Blown film
Gauge	1.0 - 10 mils (25 - 250 microns)
Width	Up to 86 inches (2.18 meters)
Length	Up to 1000 non-spliced yards (914.4 meters)
Key attributes	<ul style="list-style-type: none"> ■ Smooth surface ■ Hard ester ■ High softening temperature ■ USP Class VI ■ FDA CFR 175.105 ■ FDA CFR 177.1680 ■ FDA CFR 177.2600

Typical Properties	Test Method	Value
Durometer	ASTM D-2240	Shore 90A
Tensile stress @ 100% elongation	ASTM D-412	1600 psi 11 MPa
Tensile stress @ 300% elongation		3500 psi 24.1 MPa
Tensile strength		8000 psi 55.2 MPa
Elongation at break		450%
Tear strength	D-624 ¹	600 pli 105.1 kN/m
Abrasion resistance	D-1044 ²	2.6 mg loss

¹ Die C.

² Taber abrasion CS-17 wheel, 1000 gm weight, 1000 cycles.

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