

## General Description and Use

Argotec SKU Number	<b>18103</b>	
Typical application	Textile lamination; medical devices	
Polymer	Thermoplastic polyurethane, aromatic polyether	
Extrusion method	Blown film	
Gauge	1.0 - 10 mils (25 - 250 microns)	
Width	Up to 86 inches (2.2 meters)	
Length	Up to 1000 non-spliced yards (914.4 meters)	
Key attributes	<ul style="list-style-type: none"> <li>■ Smooth surface</li> <li>■ Soft ether</li> <li>■ Mid-range softening temperature</li> <li>■ USP Class VI certified polymer</li> <li>■ FDA CFR 175.105</li> </ul>	
Typical Properties	Test Method	Value
Durometer	ASTM D-2240	Shore 84A
Tensile stress @ 100% elongation	ASTM D-412	900 psi 6.2 MPa
Tensile stress @ 300% elongation		1400 psi 9.6 MPa
Tensile strength		5500 psi 37.9 MPa
Elongation at break		540%
Tensile set at break		40%
Tear strength	D-624 <sup>1</sup>	460 pli 80.6 kN/m
Abrasion resistance	D-1044 <sup>2</sup>	20 mg loss

<sup>1</sup> Die C.

<sup>2</sup> Taber abrasion H-22 wheel, 1000 gm weight, 1000 cycles.

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