

General Description and Use

Argotec SKU Number	18411
Typical application	Textile lamination; medical devices
Polymer	Thermoplastic polyurethane, aromatic polyether
Extrusion method	Flat die
Gauge	0.2 - 125 mils (5 - 3125 microns)
Width	Up to 63 inches (1.6 meters)
Length	Up to 1000 non-spliced yards (914.4 meters)
Key attributes	<ul style="list-style-type: none"> ■ Smooth and matte surfaces ■ Soft ether ■ Mid-range softening temperature ■ USP Class VI polymer ■ No slip/lube

Typical Properties	Test Method	Value
Durometer	ASTM D-224	Shore 86A
Tensile stress @ 100% elongation	ASTM D-412	1100 psi 7.6 MPa
Tensile stress @ 300% elongation		1750 psi 12 MPa
Tensile strength		4800 psi 33 MPa
Elongation at break		640%
Tensile set at break		70%
Tear strength	D-624 ¹	600 pli 105 kN/m
Abrasion resistance	D-1044 ²	30 mg loss
MVT, 1.0 mil, 38°C, 90% RH	E-96B	3000 g/m ² /day

¹ Die C.

² Taber abrasion H-18 wheel, 1000 gm weight, 1000 cycles.

All statements, product characteristics, and performance data contained herein are believed to be reliable based on observation and testing, but no representations, guarantees, or warranties of any kind are made as to accuracy, suitability for particular applications, or the results to be obtained. Nothing contained herein is to be considered to be permission or a recommendation to use any proprietary process or technology without permission of the owner. No warranty of any kind, expressed or implied, is made or intended.