

General Description and Use		
SKU Number	18411	
Typical application	Medical devices	
Polymer	Thermoplastic polyurethane, aromatic polyether	
Extrusion method	Cast-on-carrier	
Gauge	0.5 - 5.0 mils (12.5 - 125 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 ■ Polyethylene carrier ■ Mid-range softening temperature ■ USP Class VI certified polymer ■ No slip/lube 	
Typical Properties	Test Method	Value
Durometer	ASTM D-2240	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	1000 g/m ² /day

¹ Die C.

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

Product information revised: September 10, 2018

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