

General Description and Use		
SKU Number	<b>18411</b>	
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"> <li>■ Smooth and matte surfaces</li> <li>■ Soft ether</li> <li>■ Polyethylene carrier</li> <li>■ Mid-range softening temperature</li> <li>■ USP Class VI certified polymer</li> <li>■ No slip/lube</li> </ul>	
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 <sup>1</sup>	600 pli 105 kN/m
Abrasion resistance	D-1044 <sup>2</sup>	30 mg loss
MVT, 1.0 mil, 38°C, 90% RH	E-96B	3000 g/m <sup>2</sup> /day

<sup>1</sup> Die C.

<sup>2</sup> Taber abrasion H-18 wheel, 1000 gm weight, 1000 cycles.

Product information revised: July 1, 2014

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