

General Description and Use		
Argotec SKU Number	18247	
Typical application	General purpose, antistatic	
Polymer	Thermoplastic polyurethane, aromatic polyether	
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 ■ Soft ether ■ Mid-range softening temperature ■ Resin conforms to: FDA 175.105 FDA 177.1680 FDA 177.2600 NSF Standard 61 EU Directive 2002/72/EC Candidate material for USP Class VI 	
Typical Properties	Test Method	Value
Durometer	ASTM D-2240	Shore 85A
Tensile stress @ 100% elongation	ASTM D-412	990 psi 6.8 MPa
Tensile stress @ 300% elongation		1750 psi 12.1 MPa
Tensile strength		7000 psi 48.3 MPa
Elongation at break		570%
Tensile set at 200% E		21%
Tear strength	ASTM D-624 ¹	475 pli 83.2 kN/m
Abrasion resistance	ASTM D-1044 ²	5.0 mg loss
Surface resistivity	ASTM D-257	1 x 10 ¹⁰ ohms per square Max <1 x 10 ¹² ohms per square

¹ Die C.

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

Product information revised: June 1, 2015

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