

## General Description and Use

Argotec SKU Number	<b>18242</b>	
Typical application	Die cut and seal, bladders	
Polymer	Thermoplastic polyurethane, aromatic polyether	
Extrusion method	Flat die	
Gauge	5.0 - 125 mils (125 - 3125 microns)	
Width	Up to 60 inches (1.52 meters)	
Length	Up to 1000 non-spliced yards (914.4 meters)	
Key attributes	<ul style="list-style-type: none"> <li>■ Matte 2 surface</li> <li>■ Soft ether</li> <li>■ Mid-range softening temperature</li> <li>■ USP-Class VI polymer</li> </ul>	
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		13%
Tear strength	D-624 <sup>1</sup>	475 pli 83.2 kN/m
Abrasion resistance	D-1044 <sup>2</sup>	5.0 mg loss

<sup>1</sup> Die C.

<sup>2</sup> Taber abrasion CS-17 wheel, 1000 gm weight, 1000 cycles.

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