

## General Description and Use

Argotec SKU Number	<b>18212</b>
Typical application	Textile lamination, die cut and seal
Polymer	Thermoplastic polyurethane, aromatic polyether
Extrusion method	Flat die
Gauge	5 - 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>■ Smooth and matte surfaces</li> <li>■ Soft ether</li> <li>■ Mid-range softening temperature</li> <li>■ USP-certified polymer</li> <li>■ FDA CFR 175.105</li> <li>■ NSF potable water</li> </ul>

Typical Properties	Test Method	Value
Durometer	ASTM D-2240	Shore 87A
Tensile stress @ 100% elongation	ASTM D-412	1000 psi 6.9 MPa
Tensile stress @ 300% elongation		1700 psi 11.7 MPa
Tensile strength		6200 psi 42.7 MPa
Elongation at break		580%
Tensile set at 200% E		21%
Tear strength	D-624 <sup>1</sup>	435 pli 76.2 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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