

General Description and Use		
Argotec SKU Number	ST-2592-90	
Typical application	Vacuum forming & heat sealing	
Polymer	Thermoplastic polyurethane, aromatic polyether	
Extrusion method	Flat die	
Gauge	5 - 75 mils (125 - 1875 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"> ■ Excellent heat sealing properties ■ Enhanced UV stability ■ Passes FMVSS-302 flammability criteria 	
Typical Properties	Test Method	Value
Durometer	ASTM D-2240	Shore 90A
Specific gravity	ASTM D-792	1.14
Tensile strength @ 100% elongation	ASTM D-638	1300 psi 8.96 MPa
Tensile strength @ 300% elongation		2600 psi 17.93 MPa
Tensile strength @ break		7500 psi 51.71 MPa
Modulus of elasticity up to 10% strain		n/a
Elongation @ break		375%
Tensile set @ break		20%
Tear strength	D-624 ¹	500 pli 87.5 kN/m
Max service temperature		-22°F to 200°F -30°C to 93°C
Melt point range		345°F to 385°F 174°C to 196°C

¹ Die C.

Product information revised: July 10, 2014

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