

General Description and Use		
Argotec SKU Number	ST-3995-80	
Typical application	Hot melt adhesive, textile lamination	
Polymer	Thermoplastic polyurethane, aromatic polyether	
Extrusion method	Blown film	
Gauge	1.5 - 6 mils (37.5 - 150 microns)	
Width	Up to 80 inches (2.03 meters)	
Length	Up to 1000 non-spliced yards (914.4 meters)	
Key attributes	<ul style="list-style-type: none"> ■ Low melt, high tack for excellent melt adhesion ■ Enhanced UV stability ■ Low slip for maximum adhesion to many substrates ■ Good elasticity for use where soft, rubber-like, low-additive TPU is desired 	
Typical Properties	Test Method	Value
Durometer	ASTM D-2240	Shore 80A
Specific gravity	ASTM D-792	1.13
Tensile strength @ 100% elongation	ASTM D-638	1200 psi 8.27 MPa
Tensile strength @ 300% elongation		2000 psi 13.79 MPa
Tensile strength @ break		4500 psi 31.03 MPa
Modulus of elasticity up to 10% strain		n/a
Elongation @ break		450%
Tensile set @ break		20%
Tear strength		D-624 ¹
Max service temperature		-65°F to 175°F -54°C to 79°C
Melt point range		302°F to 329°F 150°C to 165°C
Melt index (190°C/8700g) (374°F/307oz)	D-1238	49 grams/10 min. 1.73 oz./10 min.

¹ Die C.

Product information revised: July 10, 2014

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