

General Description and Use		
Argotec SKU Number	ST-3566	
Typical application	Textile lamination	
Polymer	Thermoplastic polyurethane, aromatic polyether	
Extrusion method	Blown film	
Gauge	5 - 15 mils (125 - 375 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"> ■ Good melt, flow properties ■ Moderate slip 	
Typical Properties	Test Method	Value
Durometer	ASTM D-2240	Shore 80A
Specific gravity	ASTM D-792	1.11
Tensile strength @ 100% elongation	ASTM D-638	800 psi 5.52 MPa
Tensile strength @ 300% elongation		1650 psi 11.38 MPa
Tensile strength @ break		7500 psi 51.71 MPa
Elongation @ break		500%
Tear strength	D-624 ¹	425 pli 74.38 kN/m
Max service temperature		-65°F to 175°F -54°C to 79°C
Melt point range		302°F to 356°F 150°C to 180°C

Test specimens were prepared from 1.5 mil (0.015") thick blown film.

¹ Die C.

Product information revised: July 10, 2014

All statements, product characteristics, and performance data contained herein are believed to be reliable based on observation and testing, but no representations, guarantees, or warranties of any kind are made as to accuracy, suitability for particular applications, or the results to be obtained. Nothing contained herein is to be considered to be permission or a recommendation to use any proprietary process or technology without permission of the owner. No warranty of any kind, expressed or implied, is made or intended.

SWM INTL

53 Silvio O. Conte Drive • Greenfield, Massachusetts 01301 U.S.A.
tel: 413/772-2564 • fax: 413-772-2565 • web: www.swmintl.com • email: ams@swmintl.com