

General Description and Use		
Argotec SKU Number	ST-3850FS-85	
Typical application	Antifungal, high humidity	
Polymer	Thermoplastic polyurethane, aromatic polyether	
Extrusion method	Blown film	
Gauge	5 - 20 mils (125 - 500 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"> ■ Enhanced UV stability ■ Low to high slip ■ Resists fungus attack ■ Performs well in high humidity ■ Good sealability 	
Typical Properties	Test Method	Value
Durometer	ASTM D-2240	Shore 85A
Specific gravity	ASTM D-792	1.12
Tensile strength @ 100% elongation	ASTM D-638	950 psi 6.55 MPa
Tensile strength @ 300% elongation		1750 psi 12.07 MPa
Tensile strength @ break		8000 psi 55.16 MPa
Elongation @ break		520%
Tensile set @ break		25-30%
Tear strength	D-624 ¹	500 pli 87.5 kN/m
Max service temperature		-49°F to 185°F -45°C to 85°C
Melt point range		338°F to 374°F 170°C to 190°C

¹ Die C.

Product information revised: July 10, 2014

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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

TECHNICAL DATA