

General Description and Use		
Argotec SKU Number	ST-3850CL-85	
Typical application	Antifungal, high humidity	
Polymer	Thermoplastic polyurethane, aromatic polyether	
Extrusion method	Blown film	
Gauge	15 - 20 mils (375 - 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"> ■ Clear finish, no additives ■ 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
Modulus of elasticity up to 10% strain		n/a
Elongation @ break		520%
Tensile set @ break		25-30%
Tear strength		D-624 ¹
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

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