



Technical Information and Typical Properties

MPB Secure Blown Machine Film

.80 mil

Product Description

Sigma Secure Blown machine film combines extraordinary load-holding force with exceptional tear resistance to create a film which excels in containing heavy B and C loads. The films aggressive cling package promotes bonding between layers, eliminating tails.

General

Applications •Brick & Block•Warehouse•Irregular Loads•Transportation Industry•Food
Distribution•Bagged Products•Boxed Products•All Applications
Revision Date 6/22/2015 Available in widths from 20" & 30"

Film Properties	Typical Value		Test Method
	(English)	Tolerance	
Tensile Strength at Yield MD	1600 psi	± 15%	ASTM D882
Tensile Strength at Yield TD	1700psi	± 15%	ASTM D882
Tensile Strength at Break MD	6900psi	± 15%	ASTM D882
Tensile Strength at Break TD	4900psi	± 15%	ASTM D882
Elongation at Break MD	550%	± 15%	ASTM D882
Elongation at Break TD	750%	± 15%	ASTM D882
Protrusion Puncture	9.5 lbs	± 15%	ASTM D5748
Protrusion Puncture Energy	20.0 in-lb	± 15%	ASTM D5748
Elmendorf Tear Strength MD	150 g/mil	± 15%	ASTM D1922
Elmendorf Tear Strength TD	750 g/mil	± 15%	ASTM D1922
Cling - Outside to Inside @ 225%	min 150 g/in	± 15%	ASTM D5458

Dimensions	Value	Tolerance
Core ID	3.05 inches	± 0.05 in
Film Thickness	20.3 micron	

Little & Co. Inc.

Phone: 863-430-8861

Email: Adamm285@gmail.com

www.littleandcompany.com