



Technical Information and Typical Properties

HPB Supreme Blown Hand Film

.63 mil

Product Description

Supreme blown hand film is Sigma's "top of the line" blown hand film for the most difficult applications. Ideal for distribution centres that have difficult C-type pallets but is versatile enough to be used in most applications for enhanced load containment.

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 11"-18"

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	7000psi	± 15%	ASTM D882
Tensile Strength at Break TD	4900psi	± 15%	ASTM D882
Elongation at Break MD	450%	± 15%	ASTM D882
Elongation at Break TD	600%	± 15%	ASTM D882
Protrusion Puncture	7.1 lbs	± 15%	ASTM D5748
Protrusion Puncture Energy	14.3 in-lb	± 15%	ASTM D5748
Elmendorf Tear Strength MD	160 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	16.0 micron	

Manufactured with pride in the USA and Canada by

Sigma Stretch Film

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