



Technical Information and Typical Properties



HBH Classic Blown Hand Film

.90 mil

Product Description

Classic Blown is Sigma's most popular hand film. A workhorse in the warehouse that has high puncture resistance, great cling and stiffness. It can be used in almost any hand film application because of its toughness and outstanding load containment properties.

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	6700psi	± 15%	ASTM D882
Tensile Strength at Break TD	4500psi	± 15%	ASTM D882
Elongation at Break MD	465%	± 15%	ASTM D882
Elongation at Break TD	750%	± 15%	ASTM D882
Protrusion Puncture	9.2 lbs	± 15%	ASTM D5748
Protrusion Puncture Energy	17.0 in-lb	± 15%	ASTM D5748
Elmendorf Tear Strength MD	150 g/mil	± 15%	ASTM D1922
Elmendorf Tear Strength TD	500 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	22.9 micron	

Manufactured with pride in the USA and Canada by

Sigma Stretch Film

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