



Technical Information and Typical Properties

HBH Classic Blown Hand Film

1.00 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	6600psi	± 15%	ASTM D882
Tensile Strength at Break TD	4300psi	± 15%	ASTM D882
Elongation at Break MD	530%	± 15%	ASTM D882
Elongation at Break TD	720%	± 15%	ASTM D882
Protrusion Puncture	9.3 lbs	± 15%	ASTM D5748
Protrusion Puncture Energy	22.0 in-lb	± 15%	ASTM D5748
Elmendorf Tear Strength MD	120 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	25.4 micron	

Manufactured with pride in the USA and Canada by

Sigma Stretch Film

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