



## Technical Information and Typical Properties



### HBH Classic Blown Hand Film

**.80 mil**

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#### 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.

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#### 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	6800psi	± 15%	ASTM D882
Tensile Strength at Break TD	4600psi	± 15%	ASTM D882
Elongation at Break MD	470%	± 15%	ASTM D882
Elongation at Break TD	720%	± 15%	ASTM D882
Protrusion Puncture	8.8 lbs	± 15%	ASTM D5748
Protrusion Puncture Energy	15.0 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

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

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Manufactured with pride in the USA and Canada by

**Sigma Stretch Film**

Page & Schuyler Aves. Bldg #8

Phone: 800-672-9727 • 201-507-9100

Email: stretch.info@sigmaplastics.com

Visit our website at [www.sigmastretchfilm.com](http://www.sigmastretchfilm.com)

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