

HPB SUPREME BLOWN HAND FILM

.51 mil

Product Description

Supreme is a premium grade blown hand film. Available in low gauges. High puncture and tear resistance. Available in widths from 11 inches to 18 inches.

Applications

Brick and block
 Warehouse
 Irregular loads
 Transportation industry
 Food distribution

Bagged products
 Boxed products
 All applications

SIGMA
SUPREME

Film Properties	Typical Value (English)	Tolerance	Test Method
Tensile Strength at Yield MD	1600 psi	± 15%	ASTM D882
Tensile Strength at Yield TD	1700 psi	± 15%	ASTM D882
Tensile Strength at Break MD	7000 psi	± 15%	ASTM D882
Tensile Strength at Break TD	4900 psi	± 15%	ASTM D882
Elongation at Break MD	380%	± 15%	ASTM D882
Elongation at Break TD	500%	± 15%	ASTM D882
Protrusion Puncture	6.5 lbs.	± 15%	ASTM D5748
Protrusion Puncture Energy	12.8 in-lb	± 15%	ASTM D5748
Elmendorf Tear Strength MD	160 g/mil	± 15%	ASTM 1922
Elmendorf Tear Strength TD	750 g/mil	± 15%	ASTM 1922
Cling - Outside to Inside @ 225%	min 150 g/in	± 15%	ASTM D5458

Dimensions	Value	Tolerance
Core ID	3.05 inches	± 0.05%
Film Thickness	13.0 micron	

**Manufactured with pride in the USA and Canada by
 Sigma Stretch Film**

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HPB SUPREME BLOWN HAND FILM

.57 mil

Product Description

Supreme is a premium grade blown hand film. Available in low gauges. High puncture and tear resistance. Available in widths from 11 inches to 18 inches.

Applications

Brick and block	Bagged products
Warehouse	Boxed products
Irregular loads	All applications
Transportation industry	
Food distribution	



Film Properties	Typical Value (English)	Tolerance	Test Method
Tensile Strength at Yield MD	1600 psi	± 15%	ASTM D882
Tensile Strength at Yield TD	1700 psi	± 15%	ASTM D882
Tensile Strength at Break MD	7000 psi	± 15%	ASTM D882
Tensile Strength at Break TD	4900 psi	± 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 1922
Elmendorf Tear Strength TD	750 g/mil	± 15%	ASTM 1922
Cling - Outside to Inside @ 225%	min 150 g/in	± 15%	ASTM D5458

Dimensions	Value	Tolerance
Core ID	3.05 inches	± 0.05%
Film Thickness	14.5 micron	

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HPB SUPREME BLOWN HAND FILM

.63 mil

Product Description

Supreme is a premium grade blown hand film. Available in low gauges. High puncture and tear resistance. Available in widths from 11 inches to 18 inches.

Applications

Brick and block
 Warehouse
 Irregular loads
 Transportation industry
 Food distribution

Bagged products
 Boxed products
 All applications

SIGMA
SUPREME

Film Properties	Typical Value (English)	Tolerance	Test Method
Tensile Strength at Yield MD	1600 psi	± 15%	ASTM D882
Tensile Strength at Yield TD	1700 psi	± 15%	ASTM D882
Tensile Strength at Break MD	7000 psi	± 15%	ASTM D882
Tensile Strength at Break TD	4900 psi	± 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 1922
Elmendorf Tear Strength TD	750 g/mil	± 15%	ASTM 1922
Cling - Outside to Inside @ 225%	min 150 g/in	± 15%	ASTM D5458

Dimensions	Value	Tolerance
Core ID	3.05 inches	± 0.05%
Film Thickness	16.0 micron	

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HPB SUPREME BLOWN HAND FILM

.69 mil

Product Description

Supreme is a premium grade blown hand film. Available in low gauges. High puncture and tear resistance. Available in widths from 11 inches to 18 inches.

Applications

Brick and block	Bagged products
Warehouse	Boxed products
Irregular loads	All applications
Transportation industry	
Food distribution	



Film Properties	Typical Value (English)	Tolerance	Test Method
Tensile Strength at Yield MD	1600 psi	± 15%	ASTM D882
Tensile Strength at Yield TD	1700 psi	± 15%	ASTM D882
Tensile Strength at Break MD	7000 psi	± 15%	ASTM D882
Tensile Strength at Break TD	4900 psi	± 15%	ASTM D882
Elongation at Break MD	470%	± 15%	ASTM D882
Elongation at Break TD	620%	± 15%	ASTM D882
Protrusion Puncture	7.8 lbs.	± 15%	ASTM D5748
Protrusion Puncture Energy	17.3 in-lb	± 15%	ASTM D5748
Elmendorf Tear Strength MD	160 g/mil	± 15%	ASTM 1922
Elmendorf Tear Strength TD	750 g/mil	± 15%	ASTM 1922
Cling - Outside to Inside @ 225%	min 150 g/in	± 15%	ASTM D5458

Dimensions	Value	Tolerance
Core ID	3.05 inches	± 0.05%
Film Thickness	17.5 micron	

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HPB SUPREME BLOWN HAND FILM

.71 mil

Product Description

Supreme is a premium grade blown hand film. Available in low gauges. High puncture and tear resistance. Available in widths from 11 inches to 18 inches.

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Film Properties	Typical Value (English)	Tolerance	Test Method
Tensile Strength at Yield MD	1600 psi	± 15%	ASTM D882
Tensile Strength at Yield TD	1700 psi	± 15%	ASTM D882
Tensile Strength at Break MD	7000 psi	± 15%	ASTM D882
Tensile Strength at Break TD	4900 psi	± 15%	ASTM D882
Elongation at Break MD	480%	± 15%	ASTM D882
Elongation at Break TD	630%	± 15%	ASTM D882
Protrusion Puncture	7.8 lbs.	± 15%	ASTM D5748
Protrusion Puncture Energy	17.8 in-lb	± 15%	ASTM D5748
Elmendorf Tear Strength MD	160 g/mil	± 15%	ASTM 1922
Elmendorf Tear Strength TD	750 g/mil	± 15%	ASTM 1922
Cling - Outside to Inside @ 225%	min 150 g/in	± 15%	ASTM D5458

Dimensions	Value	Tolerance
Core ID	3.05 inches	± 0.05%
Film Thickness	18.0 micron	

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