

ECOSUPREME PRESTRETCHED HAND FILM

.39 mil

Product Description

EcoSupreme offers the strength and cling of blown film in an easy-to-use ergonomic lightweight damage proof roll. Promotes more consistent, optimized film usage and reduces user fatigue. Extended core for easy application. No applicator necessary! . Available in 13 inches - 18 inches.

Applications

Cold environments	Food processors
Distribution/warehouse	Hand wrap applications
Grocery warehouse	All load profiles
Internal wrapping	Bagged products
Boxed products	



Film Properties	Typical Value (English)	Tolerance	Test Method
Tensile Strength at Yield MD	No yield	± 15%	ASTM D882
Tensile Strength at Yield TD	1000 psi	± 15%	ASTM D882
Tensile Strength at Break MD	13500 psi	± 15%	ASTM D882
Tensile Strength at Break TD	4200 psi	± 15%	ASTM D882
Elongation at Break MD	190%	± 15%	ASTM D882
Elongation at Break TD	730%	± 15%	ASTM D882
Protrusion Puncture	5.3 lbs.	± 15%	ASTM D5748
Protrusion Puncture Energy	14.4 in-lb	± 15%	ASTM D5748
Elmendorf Tear Strength MD	140 g/mil	± 15%	ASTM 1922
Elmendorf Tear Strength TD	980 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	10 micron	

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

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Applications

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Boxed products	



Film Properties	Typical Value (English)	Tolerance	Test Method
Tensile Strength at Yield MD	No yield	± 15%	ASTM D882
Tensile Strength at Yield TD	1000 psi	± 15%	ASTM D882
Tensile Strength at Break MD	15000 psi	± 15%	ASTM D882
Tensile Strength at Break TD	4000 psi	± 15%	ASTM D882
Elongation at Break MD	180%	± 15%	ASTM D882
Elongation at Break TD	690%	± 15%	ASTM D882
Protrusion Puncture	5.3 lbs.	± 15%	ASTM D5748
Protrusion Puncture Energy	12.5 in-lb	± 15%	ASTM D5748
Elmendorf Tear Strength MD	450 g/mil	± 15%	ASTM 1922
Elmendorf Tear Strength TD	980 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	8.4 micron	

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ECOSUPREME PRESTRETCHED HAND FILM

.29 mil

Product Description

EcoSupreme offers the strength and cling of blown film in an easy-to-use ergonomic lightweight damage proof roll. Promotes more consistent, optimized film usage and reduces user fatigue. Extended core for easy application. No applicator necessary! . Available in 13 inches - 18 inches.

Applications

Cold environments	Food processors
Distribution/warehouse	Hand wrap applications
Grocery warehouse	All load profiles
Internal wrapping	Bagged products
Boxed products	



Film Properties	Typical Value (English)	Tolerance	Test Method
Tensile Strength at Yield MD	No yield	± 15%	ASTM D882
Tensile Strength at Yield TD	1560 psi	± 15%	ASTM D882
Tensile Strength at Break MD	18000 psi	± 15%	ASTM D882
Tensile Strength at Break TD	3280 psi	± 15%	ASTM D882
Elongation at Break MD	80%	± 15%	ASTM D882
Elongation at Break TD	704%	± 15%	ASTM D882
Protrusion Puncture	4.48 lbs.	± 15%	ASTM D5748
Protrusion Puncture Energy	9.26 in-lb	± 15%	ASTM D5748
Elmendorf Tear Strength MD	140 g/mil	± 15%	ASTM 1922
Elmendorf Tear Strength TD	980 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	7.4 micron	

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ECOSUPREME PRESTRETCHED HAND FILM

.24 mil

Product Description

EcoSupreme offers the strength and cling of blown film in an easy-to-use ergonomic lightweight damage proof roll. Promotes more consistent, optimized film usage and reduces user fatigue. Extended core for easy application. No applicator necessary! . Available in 13 inches - 18 inches.

Applications

Cold environments	Food processors
Distribution/warehouse	Hand wrap applications
Grocery warehouse	All load profiles
Internal wrapping	Bagged products
Boxed products	



Film Properties	Typical Value (English)	Tolerance	Test Method
Tensile Strength at Yield MD	No yield	± 15%	ASTM D882
Tensile Strength at Yield TD	1600 psi	± 15%	ASTM D882
Tensile Strength at Break MD	19000 psi	± 15%	ASTM D882
Tensile Strength at Break TD	3000 psi	± 15%	ASTM D882
Elongation at Break MD	80%	± 15%	ASTM D882
Elongation at Break TD	690%	± 15%	ASTM D882
Protrusion Puncture	4.2 lbs.	± 15%	ASTM D5748
Protrusion Puncture Energy	9.0 in-lb	± 15%	ASTM D5748
Elmendorf Tear Strength MD	140 g/mil	± 15%	ASTM 1922
Elmendorf Tear Strength TD	980 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	6.1 micron	

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