



## Technical Information and Typical Properties

### ECOSUPREME 3 Prestretched Hand Film .29 mil




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#### Product Description

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ECOSUPREME 3 is Sigma Stretch Film’s newest, premium grade stretch film made with special orientation that produces stronger film at thinner gauges. Core extensions and ultra-light weight rolls make ECOSUPREME easy to handle and reduce wrapper fatigue. Engineered to outperform all competitive hand films — regardless of gauge — ECOSUPREME has reinforced edges to provide unrivaled load-holding force and tear resistance. ECOSUPREME’s aggressive cling package is strong enough for B and many C loads. Low case prices and on-the-load cost make ECOSUPREME ECO-nomical. And, using less film per load makes ECOSUPREME — ECO-friendly!

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#### General

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##### Applications

Cold environments;Grocery warehouse;Internal wrapping;Boxed products;Food processing;All load profiles

Revision Date            4/20/2016            Available in widths from 13"-18"

Film Properties	Typical Value		
	(English)	Tolerance	Test Method
Tensile Strength at Yield MD	No Yield	± 15%	ASTM D882
Tensile Strength at Yield TD	1000psi	± 15%	ASTM D882
Tensile Strength at Break MD	16000psi	± 15%	ASTM D882
Tensile Strength at Break TD	3300psi	± 15%	ASTM D882
Elongation at Break MD	140%	± 15%	ASTM D882
Elongation at Break TD	980%	± 15%	ASTM D882
Protrusion Puncture	4.7 lbs	± 15%	ASTM D5748
Protrusion Puncture Energy	12.1 in-lb	± 15%	ASTM D5748
Elmendorf Tear Strength MD	140 g/mil	± 15%	ASTM D1922
Elmendorf Tear Strength TD	980 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	7.4 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: [Sigma.Stretch@sigmaplastics.com](mailto:Sigma.Stretch@sigmaplastics.com)

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

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