



Technical Information and Typical Properties

ecoSUPREME 4 Prestretched Hand Film 0.24 mil



Product Description

ecoSUPREME 4 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!

General

Applications
Cold environments;Grocery warehouse;Internal wrapping;Boxed products;Food processing;All load profiles
Revision Date 3/1/2018 Available in widths from 13"-18"

Film Properties	Typical Value		Test Method
	(English)	Tolerance	
Tensile Strength at Yield MD	No Yield	± 15%	ASTM D882
Tensile Strength at Yield TD	1600psi	± 15%	ASTM D882
Tensile Strength at Break MD	19000psi	± 15%	ASTM D882
Tensile Strength at Break TD	3000psi	± 15%	ASTM D882
Elongation at Break MD	80%	± 15%	ASTM D882
Elongation at Break TD	690%	± 15%	ASTM D882
Protrusion Puncture	4.2lbs	± 15%	ASTM D5748
Protrusion Puncture Energy	9.0 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	6.1 micron	

Manufactured with pride in the USA and Canada by

Sigma Stretch Film

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