Sigma Stretch Film®
THE INDUSTRY LEADER

Technical Information and Typical Properties

MIT One Side-Cling Machine Film

.55 mil

SIGMA SUMMIT

Product Description

Sigma Summit is Sigma's ultra-performance one-side cling, cast film. Summit sets the industry standard with this high quality, consistent machine film perfectly suited for high speed wrapper applications. Summit, in conjunction with our Rite-Gauging methodology will get more product to its destination in as-made condition.

General

Applications • High Volume • High speed wrapping • One-side cling required
Revision Date 6/22/2015 Available in 20 and 30 inch widths

Film Properties	Typical Value (English)	Tolerance	Test Method
Tensile Strength at Yield MD	1350 psi	± 15%	ASTM D882
Tensile Strength at Yield TD	1250psi	± 15%	ASTM D882
Tensile Strength at Break MD	6700psi	± 15%	ASTM D882
Tensile Strength at Break TD	4000psi	± 15%	ASTM D882
Elongation at Break MD	470%	± 15%	ASTM D882
Elongation at Break TD	590%	± 15%	ASTM D882
Protrusion Puncture	10.0 lbs	± 15%	ASTM D5748
Protrusion Puncture Energy	17.1 in-lb	± 15%	ASTM D5748
Elmendorf Tear Strength MD	300 g/mil	± 15%	ASTM D1922
Elmendorf Tear Strength TD	600 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	14.0 micron	

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