



Technical Information and Typical Properties

MSC Two-Sided Cling Machine Film .50 mil



Product Description

Sigma Select is our most versatile and cost effective cast machine film. Designed to be a workhorse, Sigma Select is a robust 2 sided cling film with a broad range of gauges that make it an ideal choice for most applications.

General

Applications: High Volume, Lower speed wrapping, One-sided cling not 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	1200psi	± 15%	ASTM D882
Tensile Strength at Break MD	4100psi	± 15%	ASTM D882
Tensile Strength at Break TD	3000psi	± 15%	ASTM D882
Elongation at Break MD	300%	± 15%	ASTM D882
Elongation at Break TD	450%	± 15%	ASTM D882
Protrusion Puncture	8.0 lbs	± 15%	ASTM D5748
Protrusion Puncture Energy	14.5 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	12.7 micron	

Manufactured with pride in the USA and Canada by

Sigma Stretch Film

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