



## Technical Information and Typical Properties

### MSC Two-Sided Cling Machine Film 1.00 mil




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#### Product Description

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Sigma Select is Sigma's most versatile cast machine film. It is intended primarily for pallet wrap; but is used in many other applications.

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#### General

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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	1300 psi	± 15%	ASTM D882
Tensile Strength at Yield TD	1200psi	± 15%	ASTM D882
Tensile Strength at Break MD	6900psi	± 15%	ASTM D882
Tensile Strength at Break TD	4000psi	± 15%	ASTM D882
Elongation at Break MD	510%	± 15%	ASTM D882
Elongation at Break TD	590%	± 15%	ASTM D882
Protrusion Puncture	11.0 lbs	± 15%	ASTM D5748
Protrusion Puncture Energy	28.8 in-lb	± 15%	ASTM D5748
Elmendorf Tear Strength MD	330 g/mil	± 15%	ASTM D1922
Elmendorf Tear Strength TD	530 g/mil	± 15%	ASTM D1922
Cling - Outside to Inside @ 225%	min 150 g/in	± 15%	ASTM D5458

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Dimensions	Value	Tolerance
Core ID	3.05 inches	± 0.05 in
Film Thickness	25.4 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: [stretch.info@sigmaplastics.com](mailto:stretch.info@sigmaplastics.com)

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

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