

MIT ONE-SIDED CLING MACHINE FILM

.50 mil

Product Description

Sigma's best-selling, high-performance one-sided cling cast machine film. Engineered especially for high-speed applications. One-sided cling allows side-by-side storage without pallet-to-pallet adhesion, preventing pallets from adhering together during storage and transport. Available in 20 and 30 inch widths.

Applications

Bagged products
 Boxed products
 Fully automatic equipment
 Bundling applications
 High-speed overhead equipment
 Loads requiring one-sided cling

Loads requiring film clarity
 A, B, and C-load profiles
 Inboard/outboard loads
 Distribution center mixed pallets
 Light to heavy weight containers



Film Properties	Typical Value (English)	Tolerance	Test Method
Tensile Strength at Yield MD	1350 psi	N/A	N/A
Tensile Strength at Yield TD	1250 psi	± 15%	ASTM D882
Tensile Strength at Break MD	6700 psi	± 15%	ASTM D882
Tensile Strength at Break TD	4000 psi	± 15%	ASTM D882
Elongation at Break MD	450%	± 15%	ASTM D882
Elongation at Break TD	570%	± 15%	ASTM D882
Protrusion Puncture	9.5 lbs.	± 15%	ASTM D5748
Protrusion Puncture Energy	15.5 in-lb	± 15%	ASTM D5748
Elmendorf Tear Strength MD	300 g/mil	± 15%	ASTM 1922
Elmendorf Tear Strength TD	600 g/mil	± 15%	ASTM 1922
Cling - Outside to Inside @ 225%	min 150 g/in	± 15%	ASTM D5458

Dimensions	Value	Tolerance
Core ID	3.05 inches	± 0.05%
Film Thickness	12.7 micron	

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

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