



Technical Information and Typical Properties

MBI One Side-Cling Machine Film with UVI 1.00 mil

Product Description

MBI is Sigmas ultra-premium, one-sided cling cast film with UVI additive designed for high speed/high volume applications where outdoor storage is a critical component of the application. MBI is a true one-sided cling film allowing pallets to touch during storage without any damages to the the package when seperated.

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		Test Method
	(English)	Tolerance	
Tensile Strength at Yield MD	1250 psi	± 15%	ASTM D882
Tensile Strength at Yield TD	1150 psi	± 15%	ASTM D882
Tensile Strength at Break MD	6500psi	± 15%	ASTM D882
Tensile Strength at Break TD	3800psi	± 15%	ASTM D882
Elongation at Break MD	530%	± 15%	ASTM D882
Elongation at Break TD	640%	± 15%	ASTM D882
Protrusion Puncture	14.0 lbs	± 15%	ASTM D5748
Protrusion Puncture Energy	31.0 in-lb	± 15%	ASTM D5748
Elmendorf Tear Strength MD	290 g/mil	± 15%	ASTM D1922
Elmendorf Tear Strength TD	590 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	25.4 micron	

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

Visit our website at www.sigmastretchfilm.com

©Copyright 2018 Sigma Stretch Film