



Technical Information and Typical Properties

MFC Two Side-Cling Machine Film .55 mil

Product Description

Magnum Cast Machine Film is ideal if you are looking to downgauge or desire high pre-stretch levels. The enhanced strength and stretch characteristics mean minimum film usage while providing maximum load-holding on less demanding loads..

General

Applications •High volume • Lower speed wrapping •One side-cling not 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	1100psi	± 15%	ASTM D882
Tensile Strength at Break MD	4900psi	± 15%	ASTM D882
Tensile Strength at Break TD	3100psi	± 15%	ASTM D882
Elongation at Break MD	470%	± 15%	ASTM D882
Elongation at Break TD	590%	± 15%	ASTM D882
Protrusion Puncture	10.1 lbs	± 15%	ASTM D5748
Protrusion Puncture Energy	17.1 in-lb	± 15%	ASTM D5748
Elmendorf Tear Strength MD	290 g/mil	± 15%	ASTM D1922
Elmendorf Tear Strength TD	710 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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