



Technical Information and Typical Properties

Sigma VANISH OSC Machine Film- MVA Powered by ECLIPSE™ Bio-assimilation Technology



1.20G

Product Description

VANISH is Sigma's ultra-performance one-side cling cast machine film Powered by Eclipse Bio-assimilation Technology. Vanish is engineered for 100% bio-degradability starting 2 years after production. Vanish is an all purpose film designed for optimum production with the added feature of full bio-assimilation.

General

Applications: High Volume, High speed wrapping, One-sided cling required
 Revision Date: 2021-06-22, Available in 500mm and 750mm widths

Film Properties	Typical Value		Test Method
	(English)	Tolerance	
Tensile Strength at Yield MD	1250 psi	± 15%	ASTM D882
Tensile Strength at Yield TD	1150psi	± 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	540%	± 15%	ASTM D882
Elongation at Break TD	640%	± 15%	ASTM D882
Protrusion Puncture	14.5 lbs	± 15%	ASTM D5748
Protrusion Puncture Energy	37.3 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	30.5 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

www.sigmastretchfilm.com

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