



Technical Information and Typical Properties

Sigma Stretch Film Ultra5™ 1.00 mil



Product Description

Ultra5™ Silage films are LLDPE based blown films designed to overwrap silage, dry hay, and straw bales. Films in the Ultra5™ product line offer aggressive layer to layer adhesion and trouble free wrapping in all temperatures and with all forage types.

General

applications Big Squares In-line Round Bales High Speed
 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	No Yield	--	ASTM D882
Tensile Strength at Yield TD	1240 psi	± 15%	ASTM D882
Tensile Strength at Break MD	4400 psi	± 15%	ASTM D882
Tensile Strength at Break TD	4000psi	± 15%	ASTM D882
Elongation at Break MD	430%	± 15%	ASTM D882
Elongation at Break TD	650%	± 15%	ASTM D882
Protrusion Puncture	17.5 lbs	± 15%	ASTM D5748
Protrusion Puncture Energy	30.0 in-lb	± 15%	ASTM D5748
Elmendorf Tear Strength MD	450 g/mil	± 15%	ASTM D1922
Elmendorf Tear Strength TD	945 g/mil	± 15%	ASTM D1922
Cling - Outside to Inside @ 225%	min 200 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 Canada by
Sigma Stretch Film
 PO Box 380 Jamieson Bone Rd Belleville Rd ON K8N 5A5
 Phone: 800-672-9727 • 613-966-4400
 Email: Sigma.Stretch@sigmaplastics.com
 Visit our website at www.stretch.info@sigmaplastics.com
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