



## Technical Information and Typical Properties

### Sigma Stretch Film Performance 5™ 1.00 mil




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#### Product Description

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Performance5 is a high performance silage film that delivers high feed value efficiently and profitably. Quality and performance are consistent throughout

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#### General

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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 (English)	Tolerance	Test Method
Tensile Strength at Yield MD	1550 psi	--	ASTM D882
Tensile Strength at Yield TD	1600 psi	± 15%	ASTM D882
Tensile Strength at Break MD	6700 psi	± 15%	ASTM D882
Tensile Strength at Break TD	4600psi	± 15%	ASTM D882
Elongation at Break MD	600%	± 15%	ASTM D882
Elongation at Break TD	830%	± 15%	ASTM D882
Protrusion Puncture	12 lbs	± 15%	ASTM D5748
Protrusion Puncture Energy	26.0 in-lb	± 15%	ASTM D5748
Elmendorf Tear Strength MD	140 g/mil	± 15%	ASTM D1922
Elmendorf Tear Strength TD	500 g/mil	± 15%	ASTM D1922
Cling - Outside to Inside @ 225%	min 200 g/in	± 15%	ASTM D5458

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Dimensions	Value	Tolerance
Core ID	3.05 inches	± 0.05 in
Film Thickness	25.4 micron	

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Manufactured with pride in Canada by  
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