



Technical Information and Typical Properties

HSC Cast Hand Film

.90 mil

Product Description

HSC is a general purpose cast hand film with high strength, puncture resistance, cling, and clear optics.

General

Applications: all purpose general application
 Revision Date: 6/22/2015 Available in widths from 11"-18"

Film Properties	Typical Value		Test Method
	(English)	Tolerance	
Tensile Strength at Yield MD	1350 psi	± 15%	ASTM D882
Tensile Strength at Yield TD	1200psi	± 15%	ASTM D882
Tensile Strength at Break MD	7000psi	± 15%	ASTM D882
Tensile Strength at Break TD	4000psi	± 15%	ASTM D882
Elongation at Break MD	480%	± 15%	ASTM D882
Elongation at Break TD	620%	± 15%	ASTM D882
Protrusion Puncture	10.0 lbs	± 15%	ASTM D5748
Protrusion Puncture Energy	24.5 in-lb	± 15%	ASTM D5748
Elmendorf Tear Strength MD	330 g/mil	± 15%	ASTM D1922
Elmendorf Tear Strength TD	540 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	22.9 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