

47 GAUGE

HVB One Side Cling Bio-Assimilation Cast Hand Film

Delivering the performance you expect from the highest quality stretch films on the market, our revolutionary SPTek ECLIPSE™ Stretch Film is changing the game. Enabled with our patent-pending ECLIPSE™ technology and made from 100% recyclable material, our stretch films are purposefully designed for the circular economy. If this product evades the recycling system following its tailor-made guaranteed functional life span, it will completely bio-assimilate in marine, terrestrial and landfill environments within 6–24 months. This process results in zero microplastics; a critical part of the solution to global plastic waste.

APPLICATIONS

Grocery
High volume distribution
General wrapping

REVISION DATE

2021-06-15

FILM PROPERTIES

	TYPICAL VALUE ENGLISH	TOLERANCE	TYPICAL VALUE SI	TOLERANCE	TEST METHOD
TENSILE STRENGTH AT YIELD MD	No Yield	—	No Yield	—	ASTM D882
TENSILE STRENGTH AT YIELD TD	1440 psi	9.9 mPa	9.9 mPa	± 15%	ASTM D882
TENSILE STRENGTH AT BREAK MD	6100 psi	± 15%	42.1 mPa	± 15%	ASTM D882
TENSILE STRENGTH AT BREAK TD	4600 psi	± 15%	31.7 mPa	± 15%	ASTM D882
ELONGATION AT BREAK MD	310%	± 15%	310%	± 15%	ASTM D882
ELONGATION AT BREAK TD	540%	± 15%	540%	± 15%	ASTM D882
PROTRUSION PUNCTURE	7.2 lbs	± 15%	3.3 kg	± 15%	ASTM D5748
PROTRUSION PUNCTURE ENERGY	25.5 in-lb	± 15%	2.9 N-m	± 15%	ASTM D5748
ELMENDORF TEAR STRENGTH MD	230 g/mil	± 15%	9.1 g/micron	± 15%	ASTM D1922
ELMENDORF TEAR STRENGTH TD	650 g/mil	± 15%	25.6 g/micron	± 15%	ASTM D1922
CLING: OUTSIDE TO INSIDE @ 100%	min 130 g/in	± 15%	min 51 g/cm	± 15%	ASTM D5458

DIMENSIONS

CORE ID	3.05 in.	± 0.05 in	76.2 mm	± 1.3 mm	
FILM THICKNESS	47 gauge				

ECLIPSE™ ADDITIVE PRODUCED BY



STRETCH FILM MANUFACTURED BY

