

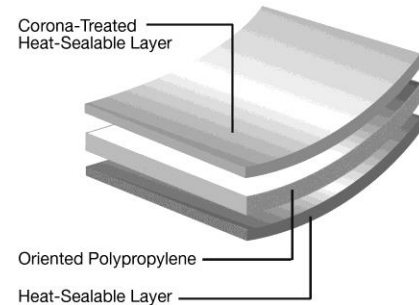
TRANSPROP™ XHSCT1LS-F

DESCRIPTION:

TransProp XHSCT1LS-F is a co-extruded, two side heat sealable, biaxially oriented polypropylene film. It is designed for low haze and good gloss, with a broad seal range and good hot tack properties. **(Also available in 60, 70, 80, and 90 gauge)**

CHARACTERISTICS:

- Presents higher scratch resistance than standard HSCT1-F
- Broad heat seal range
- Good hot tack properties
- Low haze, good gloss
- Good moisture barrier
- Treated on one side for print adhesion



FDA STATUS:

Manufactured with materials compliant with FDA regulations.

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES					TEST METHOD
		80	100	120	140	160	
Thickness	Gauge	80	100	120	140	160	-
Yield	in ² /lb	38,800	31,100	25,850	22,200	19,400	-
Tensile Strength MD	psi	18,570	18,570	18,570	18,570	18,570	ASTM D882
Tensile Strength TD	psi	35,710	35,710	35,710	35,710	35,710	ASTM D882
Elongation at Break MD	%	180	180	180	180	180	ASTM D882
Elongation at Break TD	%	60	60	60	60	60	ASTM D882
Haze	%	1.8	2.0	2.2	2.5	3.0	ASTM D1003
COF (F/M)	-	0.30	0.30	0.30	0.30	0.30	ASTM D1894
Surface Tension	Dyne	38	38	38	38	38	ASTM D2578
Shrinkage MD	%	4.0	4.0	4.0	4.0	4.0	248°F x 5 min
Shrinkage TD	%	2.0	2.0	2.0	2.0	2.0	248°F x 5 min
Sealing initiation temperature	°F	220	220	220	220	220	-
Seal Strength	g/25mm	350	380	400	450	500	-
Gloss 45°	%	95	95	95	95	95	ASTM D1003
Water Vapor Transmission	g/100in ² /24hrs	0.484	0.465	0.452	0.419	0.419	ASTM E398
Oxygen Transmission	cc/100in ² /24hrs	135	132	122	119	116	ASTM D3985

All information, recommendations and suggestions contained herein, including, without limitations, stated values (collectively the "Information") shall be used only as a guide by Purchaser and not for specification or any other purpose. The Information does not constitute a warranty nor guaranty of any type whatsoever. Purchaser should independently determine the suitability of all material purchased and must confirm adaptability and other characteristics by conducting its own test. Transcendia shall have no liability as a result of any loss, expense, damage, cost or other injury which results from Purchaser's reliance on the Information.

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