

HSCT1WS-F Biaxially Oriented Polypropylene (BOPP) Film

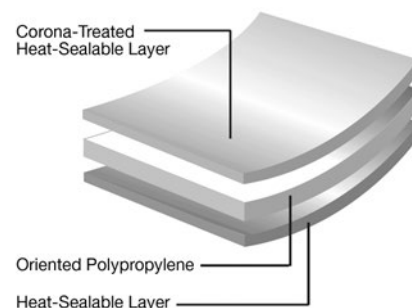
DESCRIPTION

HSCT1WS-F is a biaxially oriented polypropylene (BOPP) film that is heat sealable on both sides offering a very wide heat seal range.

(Also available in 60, 90, 140, & 160, and 200 gauge.)

CHARACTERISTICS

- Corona treated one side for ink adhesion and lamination bonds
- Good hot tack properties
- Excellent optical properties
- Excellent flatness
- Low heat seal initiation temperature



FDA STATUS

Manufactured with materials compliant with FDA regulations.

COMPLIANCE

Please visit <https://www.transcendia.com/compliance> for more compliance information.

TECHNICAL DATA

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUE						TEST METHOD
Thickness	Gauge	70	80	100	116	120	137	-
Yield	in ² /lb	44,000	38,700	31,000	26,200	25,700	22,200	-
Tensile Strength MD	psi	17,000-21,300	17,000-21,300	17,000-21,300	20,000	17,000-21,300	20,000	ASTM D882
Tensile Strength TD	psi	30,000-41,200	30,000-41,200	30,000-41,200	35,000	30,000-41,200	35,000	ASTM D882
Elongation MD	%	160-190	160-190	160-190	190	160-190	190	ASTM D882
Elongation TD	%	60-70	60-70	60-70	70	30-70	70	ASTM D882
Haze	%	2.0-2.5	2.0-2.5	2.0-2.5	3.0	2.0-2.5	3.0	ASTM D1003
CoF, treat/treat (Dynamic)	-	0.2-0.25	0.2-0.25	0.2-0.25	0.2	0.2-0.25	0.2	ASTM D1894
Surface Tension	Dyne/cm	38	38	38	38	38	38	ASTM D2578
Shrinkage MD	%	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	266°F/5min
Shrinkage TD	%	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	266°F/5min
Heat Seal Range (Untreated Side)	°F	200-300	200-300	200-300	200-300	200-300	200-300	22 psi, ¾ sec
Gloss 45°	%	85	85	85	85	85	85	ASTM D2457
Water Vapor Transmission	g/100in ² /day	0.44-.049	0.40-0.43	0.35	0.30	0.30	0.25	ASTM F1249

*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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