

HSCT1HY-F Polypropylene (PP) Film

DESCRIPTION

HSCT1HY-F is a coextruded, two side heat sealable and one side corona treated biaxially oriented polypropylene (PP) film that offers a high yield advantage.

CHARACTERISTICS

- Broad heat seal range
- Excellent ink and coating adhesion
- Excellent heat-seal strength
- Resistant to oil and grease
- Treated on one side for print adhesion

FDA STATUS

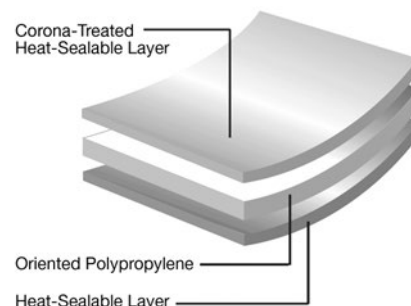
Manufactured with materials compliant with FDA regulations.

COMPLIANCE

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

TECHNICAL DATA

PROPERTIES		UNIT OF MEASURE	TYPICAL VALUES	TEST METHOD
Thickness		gauge	68	-
Yield		in ² /lb	45,450	-
Tensile Strength	MD	psi	20,000	ASTM D882
Tensile Strength	TD	psi	42,000	ASTM D882
Elongation at Break	MD	%	180	ASTM D882
Elongation at Break	TD	%	60	ASTM D882
Haze		%	2.5	ASTM D1003
CoF, HS/HS (Dynamic)		-	0.3	ASTM D1894
Surface Tension (treated side)		Dyne/cm	38	ASTM D2578
Shrinkage	MD	%	4.0	266°F x 5 min
Shrinkage	TD	%	1.5	266°F x 5 min
Seal Range Untreated side		°F	220-284	20 psi, 1 sec
Seal Range Treated side		°F	250-284	20 psi, 1 sec
Seal Strength Untreated Side		g/inch	300	240°F/20psi/1sec
Seal Strength Treated Side		g/inch	300	260°F/20psi/1sec
Gloss 45°		%	85	ASTM D2457



*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.

CORPORATE HEADQUARTERS

9201 W. Belmont Avenue | Franklin Park, IL 60131
 USA 800.745.5802 | 847.678.1800 main | 847.233.0199 fax
 CAN 800.268.4108 | 416.292.6000 main | 416.292.7399 fax
[TRANSCENDIA.COM](https://www.transcendia.com)

Revision Date: 1/3/2025
 ©2025 Transcendia Inc. All Rights Reserved