

# TRANSPROP™ HSCT1WS-F

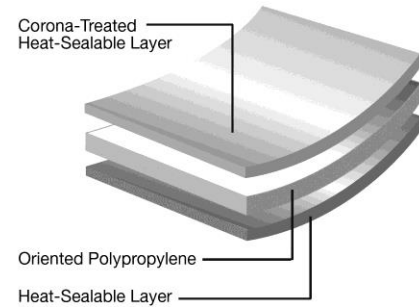
## DESCRIPTION:

TransProp HSCT1WS-F is a two side heat sealable, biaxially oriented polypropylene film with 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.

## TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUE				TEST METHOD
		70	80	100	120	
Thickness	Gauge	70	80	100	120	-
Yield	in <sup>2</sup> /lb	44,000	38,700	31,000	25,700	-
Tensile Strength MD	psi	17,000-21,300	17,000-21,300	17,000-21,300	17,000-21,300	ASTM D882
Tensile Strength TD	psi	30,000-41,200	30,000-41,200	30,000-41,200	30,000-41,200	ASTM D882
Elongation at Break MD	%	160-190	160-190	160-190	160-190	ASTM D882
Elongation at Break TD	%	60-70	60-70	60-70	30-70	ASTM D882
Haze	%	2.0-2.5	2.0-2.5	2.0-2.5	2.0-2.5	ASTM D1003
COF	Film to film	0.2-0.25	0.2-0.25	0.2-0.25	0.2-0.25	ASTM D1894
Surface Tension	Dyne	38	38	38	38	ASTM D2578
Shrinkage MD	%	<5.0	<5.0	<5.0	<5.0	266°F x 5 min
Shrinkage TD	%	<3.0	<3.0	<3.0	<3.0	266°F x 5 min
Heat Seal Range Untreated Side	°F	200-300	200-300	200-300	200-300	22 psi, 3/4 sec., 266°F
Gloss 45°	%	>85	>85	>85	>85	ASTM D2457
Water Vapor Transmission	g/100in <sup>2</sup> /24hrs	.44-.49	.40-.43	.35	.30	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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