

# TRANSPROP™ HS1AF-F

## DESCRIPTION:

TransProp HS1AF-F is a biaxially oriented polypropylene film, one side has anti-fog properties and is heat sealable. The opposite side has a high energy flame treatment.

## CHARACTERISTICS:

- Good hot tack
- Superior optical properties
- Anti-fog surface resistant to condensation buildup
- Medium heat seal range
- High energy treatment for excellent ink adhesion and adhesive and extrusion lamination bonds.

## FDA STATUS:

Manufactured with materials compliant with FDA regulations.

## TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUE		TEST METHOD
Thickness	Gauge	119	156	-
Yield	in <sup>2</sup> /lb.	25,700	19,600	-
Coefficient of Friction	Dynamic	0.25	0.25	ASTM D1894
Tensile Strength MD	psi	17,000	17,000	ASTM D882
Tensile Strength TD	psi	30,000	30,000	ASTM D882
Elongation at Break MD	%	190	190	ASTM D882
Elongation at Break TD	%	70	70	ASTM D882
WVTR	g/100in <sup>2</sup> /24h	0.3	0.2	ASTM F 1249 100°F 90% RH
OTR	cc/100in <sup>2</sup> /24h	95	60	ASTM F 1249 100°F 90% RH
Haze	%	2.5	2.5	ASTM D1003
Gloss (45°)	G.U.	85	85	ASTM D2457
Heat Seal Initiation	Degrees F	230	230	½ sec, 30 psi
Surface Tension	Dyne/cm	40	40	ASTM D2578

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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