

TRANSPROP™ HSCUTWS-F

DESCRIPTION:

TransProp™ HSCUTWS-F is a clear biaxially oriented polypropylene film, corona treated one side and heat sealable two side. One side has a low heat seal threshold.

CHARACTERISTICS:

- Excellent transparency and print receptivity
- Heat sealable on both sides
- Low heat seal threshold on non-treated side
- Standard moisture barrier
- Good antistatic and slip properties

FDA STATUS:

Manufactured with materials compliant with FDA regulations.

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES				TEST METHOD
		68	80	100	120	
Thickness	Gauge	68	80	100	120	-
Yield	in ² /lb	45,443	38,675	31,000	25,786	-
Tensile Strength MD	lb/in ²	17,404	17,404	17,404	17,404	ASTM D 882
Tensile Strength TD	lb/in ²	29,007	29,007	29,007	29,007	ASTM D 882
Elongation at Break MD	%	≤180	≤180	≤180	≤180	ASTM D 882
Elongation at Break TD	%	≤70	≤70	≤70	≤70	ASTM D 882
Haze	%	≤1.8	≤1.9	≤1.9	≤1.9	ASTM D 1003
Gloss (60°)	%	≥90	≥90	≥90	≥90	ASTM D 2457
Thermal shrinkage MD	°F	≤4.0	≤4.0	≤4.0	≤4.0	266°F, 5 min.
Thermal shrinkage TD	°F	≤2.0	≤2.0	≤2.0	≤2.0	266°F, 5 min.
Heat seal range – non-treated side	°F	176-293	176-293	176-293	176-293	QB/T2358-1998
Heat seal range – treated side	°F	239-293	239-293	239-293	239-293	QB/T2358-1998
Sealing strength	psi	≥1.14	≥1.14	≥1.14	≥1.14	QB/T2358-1998
C.O.F – non-treated side		≤0.3	≤0.3	≤0.3	≤0.3	ASTM D1894
C.O.F – treated side		≤0.3	≤0.3	≤0.3	≤0.3	ASTM D1894
Surface tension – treated side	Dyne	≥38	≥38	≥38	≥38	QB/T14216-2008
WVTR	g/in ² /day	1.36	1.16	.93	.78	ASTM F1249 (100°F,90% RH)

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CORPORATE HEADQUARTERS 9201 W. Belmont Avenue | Franklin Park, IL 60131

USA 800.618.5060 | 847.678.1800 main | 847.233.0199 fax

CAN 800.268.4108 | 416.292.6000 main | 416.292.7399 fax

TRANSCENDIA.COM