

## HSCT1-F THICK GAUGE BOPP FILM

### DESCRIPTION

HSCT1-F is a co-extruded, biaxially oriented polypropylene film that is heat sealable on both sides. It has a wide heat seal range, good hot tack properties with low haze and medium gloss. It is also available in 60, 70, 80, and 90 gauges.

### CHARACTERISTICS

- Broad heat seal range
- Good hot tack properties
- Low haze, medium gloss
- Good moisture barrier
- Treated on one side for print adhesion

### FDA STATUS

Manufactured with materials compliant with FDA regulations

### COMPLIANCE

Please visit [transcendia.com/compliance](https://transcendia.com/compliance) for more compliance information.

### TECHNICAL DATA

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES					TEST METHOD
		100	120	140	160	200	
<b>Thickness</b>	<b>Gauge</b>	<b>100</b>	<b>120</b>	<b>140</b>	<b>160</b>	<b>200</b>	-
Yield	in <sup>2</sup> /lb.	31,000	25,700	22,200	19,437	15,500	-
Tensile Strength MD	psi	17,000-23,200			17,000-34,000		ASTM D882
Tensile Strength TD	psi	30,000-43,500			30,000-38,000		ASTM D882
Elongation at Break MD	%	160-190			140-190		ASTM D882
Elongation at Break TD	%	50-70				30-70	ASTM D882
Haze	%	2-3				2-3.5	ASTM D1003
CoF, A/B (Kinetic)	Film to film	0.25-0.3					ASTM D1894
Surface Tension	Dyne	38					ASTM D2578
Shrinkage MD	%	<5.0					266°F x 5 min.
Shrinkage TD	%	<3.0					266°F x 5 min.
Seal Range Treated	°F	222-300					-
Seal Range Non-Treated	°F	220-300					-
Gloss 45°	%	>85					ASTM D2457
WVTR	g/100in <sup>2</sup> /day	0.35-0.40					ASTM F1249
OTR	cc/100in <sup>2</sup> /day	110-120					ASTM D3985

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#### 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://transcendia.com)

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