

FFX-F Polypropylene (PP) Film

DESCRIPTION

FFX-F is a clear biaxially oriented polypropylene film with a fast-seal coating on one side and an aqueous dispersion of PVdC copolymer on the other.

CHARACTERISTICS

- Exceptionally wide seal range on fast seal side
- Excellent seal properties in terms of strength, hot tack, and integrity
- Very wide operating window on horizontal flow-wrap machines
- Fast sealing seals remain unaffected by changes in climatic conditions
- Very high barrier to water vapor, gases, and aromas
- Good optical properties
- Good printability on PVdC side
- No seal compatibility between fast-seal and PVdC coating

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	85	100	125	-
Yield	in ² /lb	35,250	28,750	24,250	-
Shrinkage MD	%	4.9			250°F x 60 secs
Shrinkage TD	%	1.4			250°F x 60 secs
Shrinkage MD	%	8.6			265°F x 60 secs
Shrinkage TD	%	2.0			265°F x 60 secs
Sealing Range	°F	150-295			0.1 secs; 60 psi F/F
Seal Strength	g(f)/in	>500			212°; 1 sec; 60 psi F/F
Gloss (45°)	%	100			ASTM D2457
COF, P/P (Dynamic)	-	0.30			ASTM D1894
COF, F/F (Dynamic)	-	0.50			ASTM D1894
Haze (Wide Angle)	%	2.5			ASTM D1003
WVTR	g/100in ² /day	0.26	0.23	0.21	ASTM F1249 (100°F 90% RH)
OTR	cc/100in ² /day	0.4	0.4	0.4	ASTM F1927 (77°F 0% RH)

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