

FFC-F Polypropylene (PP) Film

DESCRIPTION

FFC-F is a clear biaxially oriented polypropylene film with a fast-seal coating on one side and an aqueous acrylic coating 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
- Good aroma and moisture barrier
- Good optical properties
- Good printability on acrylic side
- No seal compatibility between fast-seal and acrylic 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	100	120	-
Yield	in ² /lb	31,000	25,950	-
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 sec; 60 psi F/F
Seal Strength	g(f)/in	>500		212°; 1 sec; 60 psi F/F
Gloss (45°)	%	95		ASTM D2457
COF, A/A (Dynamic)	-	0.25		ASTM D1894
COF, F/F (Dynamic)	-	0.50		ASTM D1894
Haze (Wide Angle)	%	2.5		ASTM D1003
WVTR	g/100in ² /day	0.32	0.29	ASTM F1249 (100°F 90% RH)
OTR	cc/100in ² /day	54.8	48.4	ASTM F1927 (77°F 0% RH)

*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.

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