

RD-F Polypropylene (PP) Film

DESCRIPTION

RD-F is a clear, biaxially oriented polypropylene film that is coated on one side with an aqueous dispersion of PVdC copolymer and coated on the other side with an aqueous acrylic dispersion.

CHARACTERISTICS

- Heat Sealable on both sides
- Excellent barrier to water vapor, gases, and aromas
- Both sides of the film are receptive to inks, adhesives, and tear tapes
- Puncture and impact-resistance properties are maintained even at low temperatures

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	125	140	160	210	-
Yield	in²/lb	29,100	24,500	21,200	18,600	14,500	-
Shrinkage MD	%	4.0					248°F x 60 sec
Shrinkage TD	%	0.0					248°F x 60 sec
Shrinkage MD	%	7.0					266°F x 60 sec
Shrinkage TD	%	1.0					266°F x 60 sec
Sealing Range A/A	°F	185-295					2 sec, 15 psi
Sealing Range P/P	°F	220-295					2 sec, 15 psi
Seal Strength A/A	g(f)/in	>400					265°F/2sec/15psi
Seal Strength P/P	g(f)/in	>400					265°F/2sec/15psi
Gloss (45°)	Gloss units	100					ASTM D2457
CoF, A/P (Static)	-	0.20-0.30					ASTM D1894
CoF, A/P (Dynamic)	-	0.20-0.30					ASTM D1894
Haze (2.5°)	%	2-3					ASTM D1003
WVTR (23°C, 85% RH)	g/100in²/day	0.16	0.12	0.11	0.09	0.08	ASTM F1249
WVTR (38°C, 90% RH)		0.78	0.62	0.54	0.50	0.36	
OTR (23°C, 85% RH)	cc/100in²/day	4.7					ASTM D1927
OTR (25°C, 0% RH)		4.5					

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