

TRANSPROP™ RD-F

DESCRIPTION:

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

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TECHNICAL DATA					TEST METHOD
Thickness	Gauge	100	125	140	160	210	-
Yield	in ² /lb	29,100	24,500	21,200	18,600	14,500	-
Shrinkage MD	%	4.0					248°F x 60 secs
Shrinkage TD	%	0.0					248°F x 60 secs
Shrinkage MD	%	7.0					266°F x 60 secs
Shrinkage TD	%	1.0					266°F x 60 secs
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 x 2 sec @ 15 psi
Seal Strength P/P	g(f)in	>400					265°F x 2 sec @ 15 psi
Gloss (45°)	Gloss units	100					ASTM D2457
C of F (out to out)	Static A/P	0.20-0.30					ASTM D1894
C of F (out to out)	Dynamic A/P	0.20-0.30					ASTM D1894
Haze (Wide Angle, 2.5°)	%	2-3					ASTM D1003
WVTR 23°C, 85% RH	g/100 in ² /day	0.16	0.12	0.11	0.09	0.08	ASTM F1770
38°C, 90% RH		0.78	0.62	0.54	0.50	0.36	
OTR 23°C, 85% RH	cc/100 in ² /day	4.7					ASTM D1927
25°C, 0% RH		4.5					

*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.

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