

TRANSPET™ C-F

DESCRIPTION:

TransPet C-F is a clear, non-pretreated polyester film with high gloss, low haze and excellent processability.

(Also available in 92ga)

CHARACTERISTICS:

- Good clarity and handling characteristics in metalizing operations.
- Excellent aesthetic quality as well as the optimum barrier to oxygen and moisture when metalized.
- UL Rated

FDA Status:

Manufactured with materials compliant with FDA regulations.

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES	TEST METHOD
Thickness	Gauge	48	-
Yield	in ² /lb.	42,200	-
Tensile Strength MD	psi	32,200	ASTM D882
Tensile Strength TD	psi	39,000	ASTM D882
Elongation at Break MD	%	110	ASTM D882
Elongation at Break TD	%	70	ASTM D882
Coefficient of Friction	Static	.5	ASTM D1894
Density	g/cc	1.4	ASTM D1505
Shrinkage MD (150°C)	%	1.25	Unrestrained @ 150°C/30 min.
Shrinkage TD (150°C)	%	1.25	Unrestrained @ 150°C/30 min.
Gas Permeability – carbon dioxide	cc/100in ²	31	ASTM D1434 77°F/75% RH/1 ATM
Gas Permeability – Nitrogen	cc/100in ²	1.6	ASTM D1434 77°F/75% RH/1 ATM
Gas Permeability – O ₂ , 24 hr	cc/100in ²	6	ASTM D1434 77°F/75% RH/1 ATM (unmetallized)
Gas Permeability – O ₂ , 24 hr	cc/100in ²	.08	ASTM D1434 77°F/75% RH/1 ATM (metalized)
WVTR	g/100 in ² /day	2.8	ASTM F1249 38°C, 90% RH (unmetallized)
WVTR	g/100 in ² /day	.05	ASTM F1249 38°C, 90% RH (metalized)

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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