

## C-F Polyester (PET) Film

### DESCRIPTION

C-F Polyester (PET) 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.

### COMPLIANCE

Please visit <https://www.transcendia.com/compliance> for more compliance information.

### TECHNICAL DATA

PROPERTIES		UNIT OF MEASURE	TYPICAL VALUES	TEST METHOD
Thickness		Gauge	48	-
Yield		in <sup>2</sup> /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)		-	0.5	ASTM D1894
Density		g/cc	1.4	ASTM D1505
Shrinkage	MD	%	1.25	150°C/30min
Shrinkage	TD	%	1.25	150°C/30min
Gas Permeability – carbon dioxide		cc/100in <sup>2</sup> /day	31	ASTM D1434 (77°F/75%RH/1 ATM)
Gas Permeability – Nitrogen		cc/100in <sup>2</sup> /day	1.6	ASTM D1434 (77°F/75%RH/1 ATM)
OTR		cc/100in <sup>2</sup> /day	6	ASTM D1434 (77°F/75%RH/1 ATM)
WVTR		g/100in <sup>2</sup> /day	2.8	ASTM F1249 (38°C/90%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.

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