

## CT2-F Polyester (PET) Film

### DESCRIPTION

CT2-F Polyester (PET) is an uncoated transparent polyester film that is corona treated on two sides. It is an exceptionally strong film used as a substrate for laminating and extrusion coating for packaging structures requiring strength, high temperature performance and good machinability.

### CHARACTERISTICS

- Enhanced wettability to inks, primers, adhesives, and coatings
- Available in special grade suitable for metallizing
- High levels of strength and temperature resistance
- Clarity and insensitivity to humidity makes it a preferred print carrier

### FDA STATUS

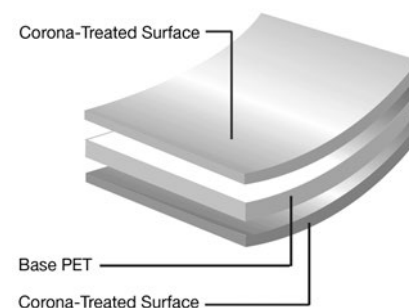
Manufactured with materials compliant with FDA regulations.

### COMPLIANCE

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

### TECHNICAL DATA

PROPERTIES		UNIT OF MEASURE	TYPICAL VALUE		TEST METHOD
Thickness		Gauge	48	92	-
Yield (nominal)		in <sup>2</sup> /lb	41,600	21,800	-
Tensile Strength at Break	MD	psi	27,000	26,000	ASTM D882
Tensile Strength at Break	TD	psi	35,000	36,000	ASTM D882
Elongation at Break	MD	%	110	140	ASTM D882
Elongation at Break	TD	%	80	90	ASTM D882
Heat Shrinkage	MD	%	2.2	1.6	30 min at 150°C
Heat Shrinkage	TD	%	1.3	1.6	30 min at 150°C
Tear Strength		lbf	0.7	1.1	ASTM D1004
Clarity		%	75	70	ASTM D17046
Gloss (20°)		%	200	150	ASTM D2457
Haze		%	2.5-5.0	3.5-9.0	ASTM D1003
Surface Tension		dyne/cm	52	52	ASTM D2578
OTR (22°C, 75% RH, 1 ATM)		cc/100in <sup>2</sup> /day	9	5	ASTM D3985
WVTR (38°C, 90% RH)		g/100in <sup>2</sup> /day	2.8	1.3	ASTM F1249



\*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

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](http://TRANSCENDIA.COM)

Revision Date: 5/27/26

©2026 Transcendia Inc. All Rights Reserved