

## 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

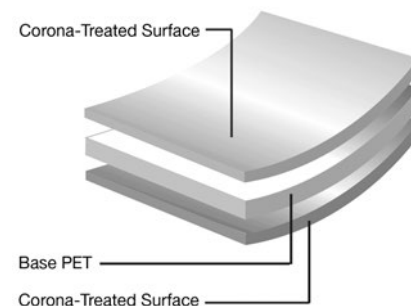
Manufactured with materials compliant with FDA regulations.

### 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



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