

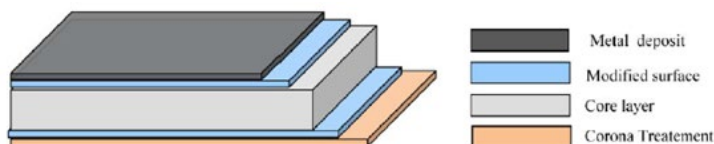
## CT1M-F Polyester (PET) Film

### DESCRIPTION

CT1M-F is a polyester (PET) film that is metalized on one side and corona and plasma treated on the opposite side.

### CHARACTERISTICS

- Enhanced adhesion of metal to film
- Excellent mechanical strength



### 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	40	92	-
Yield		in <sup>2</sup> /lb	50,400	21,900	-
CoF, A/B (Dynamic)		-	0.65	0.60	ASTM D-1894
CoF, A/B (Static)		-	0.70	0.65	ASTM D-1894
Tensile Strength	MD	psi	31,500	30,000	ASTM D-882
Tensile Strength	TD	psi	32,900	31,500	ASTM D-882
Elongation	MD	%	130	140	ASTM D-882
Elongation	TD	%	125	135	ASTM D-882
Optical Density		-	2.2	2.2	-
Surface Tension – corona/plasma side		dyne/cm	54	54	ASTM D-2578
Heat Shrinkage	MD	%	2.0	1.6	ASTM D-1204 150°C/30 min
Heat Shrinkage	TD	%	0.2	0.2	ASTM D-1204 150°C/30 min
OTR		cc/100in <sup>2</sup> /day	0.16	0.16	ASTM D-3985 23°C, 0% RH
WVTR		g/100in <sup>2</sup> /day	0.12	0.12	ASTM F-1249 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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