

## PFTM2-F Biaxially Oriented Polyester (BOPET) Film

### DESCRIPTION

PFTM2-F is a biaxially oriented polyester (BOPET) film that is metalized and chemically treated on one side and corona treated on the opposite side. It has strong metal adhesion and high optical density.

### CHARACTERISTICS

- Good MVTR and OTR
- 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	48	-
Yield		in <sup>2</sup> /lb	41,920	-
CoF, non-metal side (Dynamic)		-	0.6	ASTM D1894
Tensile Strength	MD	psi	28,446	ASTM D882
Tensile Strength	TD	psi	35,557	ASTM D882
Elongation	MD	%	110	ASTM D882
Elongation	TD	%	90	ASTM D882
Shrinkage	MD	%	2.0	ASTM D1204
Shrinkage	TD	%	0.5	ASTM D1204
Optical Density		%	2.5	Tobias Meter
MVTR		g/100 in <sup>2</sup> /day	0.05	ASTM F1249, 38°C, 100% RH
OTR		cc/100 in <sup>2</sup> /day	0.03	ASTM F1927, 23°C, 50% RH
Surface Tension Metal Side		dyne/cm	50	ASTM D2578
Surface Tension Non-Metal Side		dyne/cm	55	ASTM D2578

\*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

9201 W. Belmont Avenue | Franklin Park, IL 60131  
 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)