

## B2-F Polyester (PET) Film

### DESCRIPTION

B2-F Polyester (PET) transparent, heat sealable film that is solvent coated on both sides with PVdC, which provides excellent moisture and oxygen barriers.

### CHARACTERISTICS

- Excellent barrier to oxygen, flavor, and aroma
- Good mechanical strength
- Printable and Heat Sealable on both sides
- Good optical performance

### 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
		50	75	100	
Thickness	gauge	50	75	100	-
Yield (nominal)	in <sup>2</sup> /lb.	35,100	23,800	19,800	-
Tensile Strength at Break MD	kpsi	27	25	26	ASTM D882A
Tensile Strength at Break TD	kpsi	33	33	36	ASTM D882A
Elongation at Break MD	%	110	130	130	ASTM D882A
Elongation at Break TD	%	70	70	75	ASTM D882A
Heat Seal Strength, to Itself (5 sec @ 20psi, 250°F)	g/in	200	200	200	ASTM F88
Modulus (stiffness)	kpsi	500	500	500	ASTM D882
Gloss (20°)	%	140	140	140	ASTM F2457
Haze	%	7.0	8.0	2.5	ASTM D1003
Oxygen Transmission (22°C, 50% RH)	cc/100 in <sup>2</sup> /24hr	0.7	0.7	0.7	ASTM D3985
Water Vapor Transmission (38°C, 90% RH)	g/100 in <sup>2</sup> /24hr	0.7	0.7	0.7	ASTM F1249
Surface Tension	Dyne	52	52	52	ASTM D278

\*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](https://www.transcendia.com)