

B1-F Polyester (PET) Film

DESCRIPTION

B1-F Polyester (PET) is a transparent polyester packaging film that is solvent coated on one side with a PVdC copolymer. The coating is heat sealable and provides an excellent moisture and oxygen barrier.

(Also available in 100 Gauge.)

CHARACTERISTICS

- Excellent barrier to oxygen, flavor, and aroma
- Good mechanical strength
- Printable on the PVdC-coated side
- 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 VALUES			TEST METHOD
Thickness		Gauge	50	54	75	-
Yield (nominal)		in ² /lb	39,600	36,500	24,700	-
Coefficient of Friction		Static	0.6	0.50-0.65	-	ASTM D1894
Tensile Strength at Break	MD	kpsi	30-34	27-32	25	ASTM D882
Tensile Strength at Break	TD	kpsi	31-40	28-33	33	ASTM D882
Elongation at Break	MD	%	135-140	120-130	130	ASTM D882
Elongation at Break	TD	%	100-130	100-125	70	ASTM D882
Heat Shrinkage	MD	%	1.5	1.5-2.0	-	ASTM E1204
Haze		%	4.0-4.3	5	8.0	ASTM D1003
Oxygen Transmission Rate		cc/100 in ² /24hr	0.5	0.5	0.6	ASTM D3985
Water Vapor Transmission Rate		g/100 in ² /24hr	0.6	0.5	0.6	ASTM F1249
Surface Tension		dyne	45	45	-	-

*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)

