

SHRINK SLEEVE FILMS

DESCRIPTION:

PETG-05, PETG-08 and PETG-10 are heat-shrinkable films that combine high overall shrinkage with excellent printability. With a range of shrinkage properties, they conform tightly to a product container with simple or multiple contours for a seamless finish.

CHARACTERISTICS:

- Anti-static coated on one side
- Tough with reduced shrink force
- Multiple uses:
 - PETG-05: suitable for a wide variety of shapes
 - PETG-08: ideal for applications where reduced contours on label top and bottom are required
 - PETG-10: excellent for multi-contoured containers



TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUE*			TEST METHOD
		PETG-05	PETG-08	PETG-10	
Type					
Thickness	Microns	50	50	50	ISO 4593
Yield	in ² /lb.	10,733	10,733	10,733	Transilwrap test
Coefficient of Friction		0.26	0.24	0.24	ASTM D1894
Tensile Strength at Break MD	psi	8,730	8,043	7,150	ASTM D882
Tensile Strength at Break TD	psi	28,650	27,950	31,150	ASTM D882
Elongation at Break MD	%	562	565	635	ASTM D882
Elongation at Break TD	%	36	52	102	ASTM D882
Tear Strength MD (Elmendorf)	g./ply	180	250	408	ASTM D1922
Tear Strength TD (Elmendorf)	g./ply	19	19	33	ASTM D1922
Haze	%	4.3	2.8	2.5	ASTM D1003
Shrinkage Stress	MPA	9.5	6.3	4.8	BAC Method
Specific Gravity		1.31	1.31	1.31	BAC Method
Ring Crush		8.2	8.1	–	TAPPI T818

* Values for reference data only. Contact a Transcendia film sales representative for actual gauges available. Note: 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 guarantee 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 tests. 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 800.618.5060 | 847.678.1800 main | 847.233.0199 fax

CAN 800.268.4108 | 416.292.6000 main | 416.292.7399 fax

TRANSCENDIA.COM

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