

GPLHS-F Polyester Film

DESCRIPTION

GPLHS-F is an untreated slightly rough-surfaced hazy polyester film with enhanced heat stability for lower shrinkage.

(Also available in 400, & 750 gauge.)

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
		92	142	200	300	500	1000	
Thickness	Gauge	92	142	200	300	500	1000	-
Yield	in ² /lb	21,500	13,900	10,044	6696	4018	2009	-
COF (Kinetic)	-	0.3	0.3	0.32	0.33	0.34	0.34	ASTM D1894
COF (Static)	-	0.4	0.4	0.37	0.38	0.39	0.39	ASTM D1894
Tensile Strength MD	psi	31,300	25,200	25,200-28,000	27,000	23,500-26,000	26,000	ASTM D882
Tensile Strength TD	psi	35,600	25,600	25,600-32,000	30,000	29,000-35,000	25,000	ASTM D882
Elongation at Break MD	%	160	155	170	175	125-190	240	ASTM D882
Elongation at Break TD	%	130	137	130	140	85-130	155	ASTM D882
Haze	%	4.0	5.0	6.0	8.5	8-14	28	ASTM D1003
TLT	%	-	-	88.7	88.4	87.8	86.0	ASTM D1003
Heat Shrinkage MD	%	2.8	1.5	0.80	0.80	0.95-1.0	1.00	30 min at 150°C
Heat Shrinkage TD	%	0.5	0.0	0.05	0.05	.10-1.0	0.35	30 min at 150°C
Gloss	%	-	-	157	154	150	135	ASTM D 523
Water Vapor Rate	g/m ² /day	-	-	-	-	5.0	-	ASTM F1249
Surface Tension	Dyne	-	-	45	45	45	45	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](https://www.transcendia.com)

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