

# TRANSPET™ GPHH-F

**DESCRIPTION:**

TRANSPET™ GPHH-F is a general purpose uncoated high haze polyester film featuring a rough surface to provide ease of handling, good adhesion and processability. **(Also available in 75, 142, 200, 300, 400, 500, & 700 gauge)**

**CHARACTERISTICS:**

- Good mechanical and dielectric strength with outstanding machinability
- Durable and dimensionally stable with good chemical resistance

**FDA STATUS:**

Manufactured with materials compliant with FDA regulations.

**TECHNICAL DATA:**

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUE						TEST METHOD
		92	142	200	300	400	500	
Thickness	Gauge	92	142	200	300	400	500	-
Yield	in <sup>2</sup> /lb	21,500	4,000	2,600	2,000	1,400	1,000	-
Tensile Strength MD	psi	28,000 – 33,000	27,000-28,600	23,000-27,200	21,000-27,000	26,000	21,755	ASTM D882
Tensile Strength TD	psi	34,000 – 37,000	29,000-30,000	26,000-30,000	23,000-29,000	25,000	24,656	ASTM D882
Elongation at Break MD	%	110-145	140-175	140-245	150-260	170	270	ASTM D882
Elongation at Break TD	%	90-120	115-140	115-165	140-170	160- 170	240	ASTM D882
Haze	%	11-16	21-60	40-80	54-85	90	97	ASTM D1003
Heat Shrinkage MD	%	1.7-1.9	1.1	1.0-1.6	1.0-1.5	1.3	0.9	30 min at 150°C
Heat Shrinkage TD	%	0.7-1.1	0.2-0.7	0.2-0.9	0.2-1.1	0.8-1.3	0.9	30 min at 150°C

\*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.

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