

TECTHERM



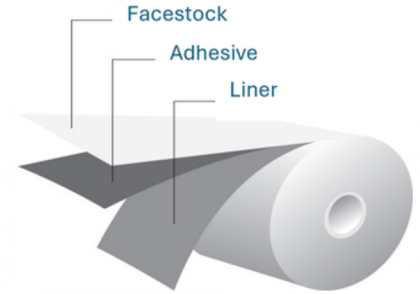
White Thermal BOPP 2.95 mil (75μ)



TH1 Hot Melt Adhesive



GLASSINE RELEASE LINER 40#



Weatherproof 2.95 mil synthetic direct thermal white BOPP label resistant to water, oils, and tearing for ribbon-free barcode imaging. Equipped with TH1 aggressive hot melt adhesive for instant grab on rough corrugated cartons, textured packaging, and cold-chain distribution on a 40# glassine liner.

FACESTOCK

Top-Coated Direct Thermal White BOPP	Caliper (mil) / (μm) ISO 534	Weight (lb) / (g/m²) ISO 536	Finish Gloss Level (@60°)	Brightness (%) ISO 2470
	2.95 / 75 ±3%	39/58 ±3%	9 ± 3	≥85%

ADHESIVE

TH1 Hot Melt Adhesive	Caliper (oz / gram)	Initial Tack (N/in) FTM 9 (Glass)	90° Peel Adhesion (N/in) FTM 2 (Steel)	Shear Resistance 9.8N/in² (hours) FTM 3	Min Application Temperature (°F) / (°C)	Service Temperature Range (°F) / (°C)
	0.63 / 18	≥14	≥8	≥10	32 / 0	(-4 to 176) / (-20 to 80), * For Direct Thermal, service Temp is up to 60 °C

Liner

GLASSINE RELEASE LINER 40#	Caliper (mil) / (μm) ISO 534	Weight (lb) ISO 536	Release Force (gf)
	2 / 52 ±4%	40#	10-35

STORAGE INFORMATION

Store at 23 (±2) °C and 50 (±5) % Relative Humidity.

PRINTING PROCESSES

Flexo / Letter Press (Yes), Offset (Yes), Screen Printing (Yes), Thermal Transfer (Yes), Direct Thermal (Yes), UV Inkjet (Yes), Laser / Toner (Testing Required), HP Indigo (Topcoat / Primer Required).

All information contained in this document is based on measurements, tests and trials commonly used in the industry, but does not constitute a guarantee. All Tecnia materials are sold considering that the buyer has already carried out tests and approved the material for its use and the final use of its customer. All Tecnia materials have a 12-month warranty, counting from the issuance of the sales invoice, regarding possible manufacturing defects, with liability being limited to the value of the material itself, in the quantity that presents a proven defect.