

	ETI™ FS150 (Direct Thermal Top-coated Paper)
	ETI™ AD13A (Permanent Adhesive)
	ETI™ LN40 (Glassine)

Facestock

ETI™ FS150 is a direct thermal paper with an undercoat, a thermal coat and a topcoat for very good protection of the front side of the paper against external influences. It has a very high sensitivity and a high definition.

Caliper	0,0035 in.	or 0,0085 cm ± 10%
Basis weight	0,017 lbs/ft ²	or 82 g/m ²
Tensile strength TD	12,57#/in.	or 2,2 kN/m
Tensile strength MD	21,13#/in.	or 3,7 kN/m
Brightness	75%	
Smoothness	500 sec.	

Adhesive

ETI™ AD13A is a medium viscosity permanent pressure sensitive adhesive designed for crystal clear, no-look label applications. It has a good balance of machining properties including good coatability and clean die cutting.

Application Temperatures	300 to 350 °F	or 150 to 175 °C
Service Temperatures	-5 to 175 °F	or -20 to 80 °C

Liner

ETI™ LN40 is a honey paper glassine, one side siliconised.

Caliper	0,0022 in.	or 0,0056 cm ± 10%
Basis Weight	0,0129lbs/ft ²	or 63 g/m ²
Tensile Strenght TD	12,56#/in.	or 22,0 N/cm ± 20%
Tensile Strenght MD	31,98#/in.	or 56,0 N/cm ± 20%
Transparency	45%	
Moisture Content	4,5%	

Statement of practical use

As with all pressure-sensitive materials, this product should be tested thoroughly under end-use conditions to ensure it meets the requirements of the specific application.

Performance data

Peel Adhesion

Stainless steel	2,1 lbs	or 0,95 kg
HDPE	2,2 lbs	or 1,00 kg
Polypropylene	2,2 lbs	or 1,00 kg
Glass	2,3 lbs	or 1,04 kg

Loop Tack

Stainless steel	2,4 lbs	or 1,09 kg
HDPE	1,9 lbs	or 0,86 kg
Polypropylene	2,1 lbs	or 0,95 kg
Glass	2,2 lbs	or 1,00 kg

Total Construction Caliper (approximate)	0,0070 in. or 0,0180 cm ± 10%
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*3 possibilities of release	<i>High</i>
	<i>Medium</i>
	<i>Low</i>

Additional Information :

Printing and Converting

Printable directly on the facestock in all classical printing processes (web screen, UV letter press and flexography) but especially made for direct thermal printing. Excellent conversion characteristics in rotary and flat-bed.

Application and uses

It is designed for pressure-sensitive direct thermal applications and can be used for a wide range of labels.

Shelf Life

One year when stored at 72°F at 50% RH.