



ETI™ FS157 (Direct Thermal Non Top-Coated)
 ETI™ AD13 (Permanent Adhesive)
 ETI™ LN40 (Glassine)

Facestock

ETI™ FS157 is a direct thermal non-topcoated paper without surface protection consisting of an undercoat, a thermal coat and a back-barrier for protection against external influences on the reverse side of the paper.

Caliper	0,0032 in.	or 0,0082 cm ± 10%
Grammage	0,015 lbs/ft ²	or 73 g/m ²
Tensile Strenght TD	12,56#/in.	or 2,2 kN/m
Tensile Strenght MD	21,13#/in.	or 3,7 kN/m
Brightness	75%	

Adhesive

ETI™ AD13 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%	

Performance data

Peel Adhesion

Stainless steel	2,5 lbs	or 1,13 kg
HDPE	2,5 lbs	or 1,13 kg
Polypropylene	2,6 lbs	or 1,18 kg
Glass	2,8 lbs	or 1,27 kg

Loop Tack

Stainless steel	2,1 lbs	or 0,95 kg
HDPE	2,4 lbs	or 1,09 kg
Polypropylene	2,5 lbs	or 1,13 kg
Glass	3,1 lbs	or 1,41 kg

Total Construction Caliper (approximate) 0,0065 in. or 0,00165 cm ± 10%

***3 possibilities of release** High
 Medium
 Low

Additional Information :

Printing and Converting

Printable directly on the facestock in all classical processes (by web screen, UV letter press and flexography) but especially made for direct thermal printing. It is possible to diecut and to strip this product on standard web-fed presses with flatbed or rotary dies at high speeds. Dies tooled specifically for this construction are recommended for best performances.

Application and uses

It is designed for pressure-sensitive direct thermal applications. Limited in its resistance against alcohol, water, fatty acids, plasticizers and body sweat. This product is recommended where clean removability is important.

Shelf Life

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

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.