

	ETI™ FS153 (Direct Thermal Top-Coated Paper)
	ETI™ AD13 (Permanent Adhesive)
	ETI™ SC2 (Silicone)
	ETI™ LN21 (Glassine)

Facestock

ETI™ FS153 is a direct thermal paper with an undercoat, a thermal coat and a topcoat for optimal front-side protection and a back barrier for a protection against external influences from the reverse side of the paper (such as special adhesives, plasticizers). It has a very high sensitivity and a high definition.

Caliper	0,0033 in.	or 0,0084 cm ± 10%
Basis weight	0,016 lbs/ft²	or 81 g/m²
Tensile strength TD	12,56#/in.	or 2,2 kN/m
Tensile strength MD	21,13#/in.	or 3,7 kN/m
Brightness	91%	

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

Silicone

ETI™ SC2 is a silicone coating enabling different release possibilities.

Liner

ETI™ LN21 is a high performance glassine.

Caliper	0,0025 in.	or 0,0064 cm ± 10%
Basis Weight	0,014l lbs/ft²	or 68,3 g/m²
Tensile Strenght TD	17#/in.	or 30 N/cm ± 20%
Tensile Strenght MD	41#/in.	or 72 N/cm ± 20%
Gloss	52%	

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	2,6 lbs	or 1,18 kg
HDPE	2,5 lbs	or 1,13 kg
Polypropylene	1,9 lbs	or 0,86 kg
Glass	2,0 lbs	or 0,91 kg

Loop Tack

Stainless steel	2,7 lbs	or 1,22 kg
HDPE	2,3 lbs	or 1,04 kg
Polypropylene	2,5 lbs	or 1,13 kg
Glass	2,6 lbs	or 1,18 kg

Total Construction Caliper (approximate)	0,0065 in. or 0,0165 cm ± 10%
---	----------------------------------

*3 possibilities of release	High
	Medium
	Low

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. Excellent resistance against alcohol, water, fatty acids, plasticizers and body sweat.

Shelf Life

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

