



ETI™ FS157 (Direct Thermal Non Top-Coated)
 ETI™ AD11 (Permanent Adhesive)
 ETI™ SC2 (Silicone)
 ETI™ LN50 (SCK)

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™ AD11 is a medium viscosity permanent pressure sensitive adhesive. 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™ LN50 is a supercalendered paper.

| | | |
|----------------------------|----------------------------|------------------------|
| Caliper | 0,0022 in. | or 0,0056 cm ± 10% |
| Basis Weight | 0,0133 lbs/ft ² | or 62 g/m ² |
| Tensile Strenght TD | 20#/in. | or 13,8 N/cm ± 20% |
| Tensile Strenght MD | 38#/in. | or 26,2 N/cm ± 20% |
| Opacity | 60% | |
| Moisture Content | 6,0% | |

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 | 2,8 lbs | or 1,27 kg |
| HDPE | 1,7 lbs | or 0,77 kg |
| Polypropylene | 2,1 lbs | or 0,95 kg |
| Glass | 1,6 lbs | or 0,73 kg |

Loop Tack

| | | |
|------------------------|---------|------------|
| Stainless steel | 2,7 lbs | or 1,22 kg |
| HDPE | 2,4 lbs | or 1,09 kg |
| Polypropylene | 2,9 lbs | or 1,32 kg |
| Glass | 2,9 lbs | or 1,32 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 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.

