



ETI™ FS157 (Direct Thermal Non Top-Coated)  
 ETI™ AD21 (Permanent Adhesive)  
 ETI™ SC1 (Silicone)  
 ETI™ LN20 (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.

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

**Adhesive**

ETI™ AD21 is a pressure sensitive adhesive designed for general permanent paper and film applications. It has a good low temperature tack and flexibility and an excellent specific adhesion to low energy surfaces such as LDPE.

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

**Silicone**

ETI™ SC1 is a silicone coating enabling different release possibilities.

**Liner**

ETI™ LN20 is a supercalendered release base paper with a high internal strength and toughness.

<b>Caliper</b>	0,0025 in.	or 0,0065 cm ± 10%
<b>Basis Weight</b>	0,0135lbs/ft <sup>2</sup>	or 65,84 g/m <sup>2</sup>
<b>Tensile Strenght TD</b>	25#/in.	or 43,8 N/cm ± 20%
<b>Tensile Strenght MD</b>	32#/in.	or 56,0 N/cm ± 20%
<b>Tear TD</b>	0,0062 lbs/ft <sup>2</sup>	or 30 g/m <sup>2</sup>
<b>Tear MD</b>	0,0064 lbs/ft <sup>2</sup>	or 31 g/m <sup>2</sup>

**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**

<b>Stainless steel</b>	2,5 lbs	or 1,13 kg
<b>HDPE</b>	2,6 lbs	or 1,18 kg
<b>Polypropylene</b>	2,6 lbs	or 1,18 kg
<b>Glass</b>	3,1 lbs	or 1,41 kg

**Loop Tack**

<b>Stainless steel</b>	2,7 lbs	or 1,22 kg
<b>HDPE</b>	2,3 lbs	or 1,04 kg
<b>Polypropylene</b>	2,5 lbs	or 1,13 kg
<b>Glass</b>	2,6 lbs	or 1,18 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.

**Shelf Life**

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