



ETI™ FS181 (Wine Paper)  
 ETI™ AD13 (Permanent Adhesive)  
 ETI™ LN40 (Glassine)

**Facestock**

ETI™ FS181 is a wine paper smooth on the verso and with a "toile grain" on the recto.

<b>Caliper</b>	0,0048 in.	or 0,0120 cm ± 10%
<b>Grammage</b>	0,018 lbs/ft <sup>2</sup>	or 90 g/m <sup>2</sup>
<b>Colors</b>	White	
	Ivory	

**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.

<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

**Liner**

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

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

**Performance data**

**Peel Adhesion**

<b>Stainless steel</b>	2,6 lbs	or 1,18 kg
<b>HDPE</b>	2,5 lbs	or 1,13 kg
<b>Polypropylene</b>	1,9 lbs	or 0,86 kg
<b>Glass</b>	2,0 lbs	or 0,91 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

<b>Total Construction Caliper (approximate)</b>	0,0080 in. or
	0,0200 cm ± 10%

<b>*3 possibilities of release</b>	High
	Medium
	Low

**Additional Information :**

**Printing and Converting**

Printable directly on the facestock by flexography and offset. 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**

This product is particularly recommended for wet or dry glass bottles, wet or dry plastic bottles, jars or metal tins.

**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.