



ETI™ FS130 (Polyactide Crystal Clear Film)  
 ETI™ AD13 (Permanent-Clear Adhesive)  
 ETI™ LN10 (PET liner)

**Facestock**

ETI™ FS130 is a crystal clear film manufactured from polyactide. This film present a high stiffness, a superb clarity, a high gloss and an exceptionnal twist retention.

<b>Caliper</b>	0,0020 in.	or 0,0050 cm ± 10%
<b>Tensile Strenght TD</b>	15# /in <sup>2</sup>	or 10,4 N/cm <sup>2</sup>
<b>Tensile strenght MD</b>	16# /in <sup>2</sup>	or 11,0 N/cm <sup>2</sup>
<b>Dimensional stability TD</b>	3%	
<b>Dimensional stability MD</b>	2%	
<b>Gloss</b>	100%	

**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™ LN10 is a polyester one side siliconised liner.

<b>Caliper</b>	0,0010 in.	or 0,0025 cm ± 10%
<b>Basis Weight</b>	0,02 lbs/in. <sup>2</sup>	or 1,40 g/cm <sup>2</sup> ± 10%
<b>Tensile Strenght TD</b>	20,000 lbs/in <sup>2</sup>	or 14 kg/mm <sup>2</sup> ± 20%
<b>Tensile Strenght MD</b>	23,100 lbs/in <sup>2</sup>	or 16 kg/mm <sup>2</sup> ± 20%
<b>Elongation TD</b>	80-150 %	
<b>Elongation MD</b>	60-140 %	

**Performance data**

**Peel Adhesion**

<b>Stainless steel</b>	2,2 lbs	or 1,00 kg
<b>HDPE</b>	2,3 lbs	or 1,04 kg
<b>Polypropylene</b>	2,3 lbs	or 1,04 kg
<b>Glass</b>	2,4 lbs	or 1,09 kg

**Loop Tack**

<b>Stainless steel</b>	2,5 lbs	or 1,13 kg
<b>HDPE</b>	2,1 lbs	or 0,95 kg
<b>Polypropylene</b>	2,1 lbs	or 0,95 kg
<b>Glass</b>	2,4 lbs	or 1,09 kg

**Total Construction Caliper (approximate)** 0,0035 in. or 0,0152 cm ± 10%

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

**Additional Information :**

**Printing and Converting**

Printable directly on the facestock under the adhesive by web screen, UV letter press and flexographic. 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 general purpose product which presents good adhesion and cohesion to a wide range of substrates is suitable for general labelling, information labelling and product labelling (curved surfaces, labelling chilled or high humidity products, apolar surfaces, etc).

**Shelf Life**

One year when stored at 72°F at 50% RH. Surface tension values may decrease in time.

**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.