



ETI™ FS193 (Clear BOPP)  
 ETI™ AD13 (Permanent-Clear Adhesive)  
 ETI™ SC1 (Silicone)  
 ETI™ LN30 (PET liner)

**Facestock**

ETI™ FS193 is a transparent, low haze BOPP facestock film with a corona treatment on both sides. It has excellent clarity, gloss, stiffness and dimensional stability.

<i>Caliper</i>	0,0020 in.	or 0,0050 cm ± 10%
<i>Tensile Strenght TD</i>	35,50 lbs/in <sup>2</sup>	or 25 kg/mm <sup>2</sup>
<i>Tensile Strenght MD</i>	19,88 lbs/in <sup>2</sup>	or 14 kg/mm <sup>2</sup>
<i>Elongation at break TD</i>	50%	
<i>Elongation at break MD</i>	150%	
<i>Gloss</i>	100%	

**Adhesive**

ETI™ AD13 is a medium viscosity permanent rubber pressure sensitive designed for crystal clear, no-look label applications. It has a good balance of machining properties including good coatability and clean die cutting.

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

**Silicone**

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

**Liner**

ETI™ LN30 is a clear polyester film that is chemically treated on one side to provide enhanced adhesion for silicone release coatings. It has a high strength and durability, an optical clarity, good dimensional stability and excellent chemical resistance.

<i>Caliper</i>	0,0020 in.	or 0,0050 cm ± 10%
<i>Density</i>	0,05 lbs/in. <sup>3</sup>	1,395 g/cm <sup>3</sup> ± 10%
<i>Tensile Strenght MD</i>	30 lbs/in. <sup>2</sup>	2,11 kg/cm <sup>2</sup> ± 20%
<i>Shrinkage MD</i>	1,5%	
<i>Shrinkage TD</i>	0,4%	
<i>Ultimate Elongation</i>	150%	

**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*

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

*Loop Tack*

<i>Stainless steel</i>	2,5 lbs	or 1,13 kg
<i>HDPE</i>	2,3 lbs	or 1,04 kg
<i>Polypropylene</i>	2,4 lbs	or 1,09 kg
<i>Glass</i>	2,4 lbs	or 1,09 kg

*Total Construction Caliper (approximate)*

0,0045 in. or  
 0,0115 cm ± 10%

*\*3 possibilities of release :*

*High*  
*Medium*  
*Low*

**Additional Information :**

**Printing and Converting**

Printable directly on the facestock under the adhesive by flexographic, gravure, silk screen and letterpress processes. The facestock has a high adhesion skinlayer which provides excellent anchorage of inks. Excellent conversion characteristics in rotary and flat-bed.

**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). It can be designed for no look-label appearance.

**Shelf Life**

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