

ETI™ FS100 (Clear BOPP)  
 ETI™ AD22 (Permanent-clear Adhesive)  
 ETI™ LN11 (PET liner)

**Facestock**

ETI™ FS100 is a clear, top coated, high gloss and biaxially oriented polypropylene film, coated one side with a high performance proprietary aqueous dispersion and corona discharge treated on the reverse side. It has a high stiffness and moisture resistance.

<i>Caliper</i>	0,0020 in.	or 0.0050 cm ± 10%
<i>Tensile Strenght TD</i>	24,65#/in. <sup>2</sup>	or 17,0 N/cm <sup>2</sup>
<i>Tensile Strenght MD</i>	30,45#/in. <sup>2</sup>	or 21,0 N/cm <sup>2</sup>
<i>Elongation at break TD</i>	105%	
<i>Elongation at break MD</i>	85%	
<i>Gloss</i>	90%	

**Adhesive**

ETI™ AD22 is a pressure sensitive adhesive designed with optical clarity. It has a high tack and peel, an excellent water and pasteurization resistance and a good shear.

<i>Application Temperatures</i>	275 to 350 °F	or 150 to 175°C
<i>Service Temperatures</i>	-5 to 175°F	or -20 to 80 °C

**Liner**

ETI™ LN11 is a polyester one side siliconised liner.

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

**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>	2,7 lbs	or 1,22 kg
<i>HDPE</i>	1,6 lbs	or 0,73 kg
<i>Polypropylene</i>	2,0 lbs	or 0,91 kg
<i>Glass</i>	1,5 lbs	or 0,68 kg

*Loop Tack*

<i>Stainless steel</i>	2,6 lbs	or 1,18 kg
<i>HDPE</i>	2,3 lbs	or 1,04 kg
<i>Polypropylene</i>	2,8 lbs	or 1,27 kg
<i>Glass</i>	2,8 lbs	or 1,27 kg

<i>Total Construction Caliper (approximate)</i>	0,0035 in. or 0,0090 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 using a wide variety of different inks. The facestock has a proprietary aqueous base top coating specifically designed for use with UV curing inks.

**Application and uses**

This 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 is not suitable for applications involving direct contact with foodstuffs.

**Shelf Life**

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