



ETI™ FS101 (Clear BOPP)  
 ETI™ AD23 (Permanent Adhesive)  
 ETI™ LN10 (PET liner)

**Facestock**

ETI™ FS101 is a clear, top coated, high gloss and biaxially oriented polypropylene film, coated on one side with a proprietary aqueous dispersion and corona discharge treated on the reverse side. It has a high stiffness and an excellent moisture resistance.

<i>Caliper</i>	0,0020 in.	or 0,0050 cm ± 10%
<i>Tensile Strenght TD</i>	24,7#/in. <sup>2</sup>	or 17,0 N/cm <sup>2</sup>
<i>Tensile Strenght MD</i>	30,5#/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™ AD23 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.

<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™ LN10 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>	2,2 lbs	or 1,00 kg
<i>HDPE</i>	2,3 lbs	or 1,04 kg
<i>Polypropylene</i>	2,3 lbs	or 1,04 kg
<i>Glass</i>	2,4 lbs	or 1,09 kg

*Loop Tack*

<i>Stainless steel</i>	2,4 lbs	or 1,09 kg
<i>HDPE</i>	1,9 lbs	or 0,86 kg
<i>Polypropylene</i>	2,1 lbs	or 0,91 kg
<i>Glass</i>	2,2 lbs	or 1,00 kg

<i>Total Construction Caliper (approximate)</i>	0,0035 in. or	0,0090 cm ± 10%
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*\*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 to give superior printability.

**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. 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.