



ETI™ FS106 (Metallized BOPP)  
 ETI™ AD13 (Permanent-Clear Adhesive)  
 ETI™ LN10 (PET liner)

**Facestock**

ETI™ FS106 is a top coated, high gloss, biaxially oriented polypropylene reverse metallized film which provide mirror-like reflectivity in prime labeling applications. It has a high performance speciality print receptive coating on one side and superior metallized surface on the reverse side.

<b>Caliper</b>	0,0020 in.	or 0,0050 cm ± 10%
<b>Tensile Strenght TD</b>	24,7#/in. <sup>2</sup>	or 17,0 N/mm <sup>2</sup>
<b>Tensile Strenght MD</b>	30,5#/in. <sup>2</sup>	or 21,0 N/mm <sup>2</sup>
<b>Elongation at break TD</b>	105%	
<b>Elongation at break MD</b>	85%	
<b>Opacity</b>	80%	

**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 %	

**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**

<b>Stainless steel</b>	2,5 lbs	or 1,13 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>	2,6 lbs	or 1,18 kg
<b>HDPE</b>	2,1 lbs	or 0,95 kg
<b>Polypropylene</b>	2,3 lbs	or 1,04 kg
<b>Glass</b>	2,4 lbs	or 1,09 kg

<b>Total Construction Caliper (approximate)</b>	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 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. It has excellent die cutting performance, enhanced label edge appearance and prolonging die life.

**Application and uses**

This product which presents good adhesion and cohesion to a wide range of substrates is suitable for products labelling where good resistance against water, oil and chemicals is important. Labelling of high quality products, cosmetics and appliance are ensured by the decorative metallic finish.

**Shelf Life**

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