



ETI™ FS101 (Clear BOPP)
 ETI™ AD13 (Permanent Adhesive)
 ETI™ LN30 (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. ²	or 17,0 N/cm ²
<i>Tensile Strenght MD</i>	30,5#/in. ²	or 21,0 N/cm ²
<i>Elongation at break TD</i>	105%	
<i>Elongation at break MD</i>	85%	
<i>Gloss</i>	90%	

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.

<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™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. ³	1,395 g/cm ³ ± 10%
<i>Tensile Strenght MD</i>	30 lbs/in. ²	2,11 kg/cm ² ± 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>	2,2 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>	2,6 lbs	or 1,18 kg
<i>HDPE</i>	1,9 lbs	or 0,86 kg
<i>Polypropylene</i>	2,2 lbs	or 1,00 kg
<i>Glass</i>	2,3 lbs	or 1,04 kg

<i>Total Construction Caliper (approximate)</i>	0,0045 in. or 0,0115 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.