

	ETI™ FS130 (Polyactide Crystal Clear Film)
	ETI™ AD13 (Permanent-Clear Adhesive)
	ETI™ SC2 (Silicone)
	ETI™ LN30 (PET liner)

Facestock

ETI™ FS130 is a crystal clear film manufactured from polyactide. This film present a high stiffness, a superb clarity, a high gloss and an exceptionnal twist retention.

<i>Caliper</i>	0,0020 in.	or 0,0050 cm ± 10%
<i>Tensile Strenght TD</i>	15# /in ²	or 10,4 N/cm ²
<i>Tensile Strenght MD</i>	16# /in ²	or 11,0 N/cm ²
<i>Dimensional stability TD</i>	3%	
<i>Dimensional stability MD</i>	2%	
<i>Gloss</i>	100%	

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

Silicone

ETI™ SC2 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. 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>	2,5 lbs	or 1,13 kg
<i>HDPE</i>	2,1 lbs	or 0,95 kg
<i>Polypropylene</i>	2,1 lbs	or 0,95 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 web screen, UV letter press and flexographic. It is possible to diecut and to strip this product on standard web-fed presses with flatbed or rotary dies at high speeds. Dies tooled specifically for this construction are recommended for best performances.

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) .

Shelf Life

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