

	ETI™ FS250 (Shrikable polyester film)
	ETI™ AD13 (Permanent-Clear Adhesive)
	ETI™ SC3 (Silicone)
	ETI™ LN170 (Glassine)

Facestock

ETI™ FS250 is a chemically treated polyester film with moderate haze that has very high transverse direction shrinkage, combined with a very low machine direction shrinkage. It has an excellent clarity and excellent handling characteristics.

Caliper	0,0024 in.	or 0,0051 cm ± 10%
Shrinkage MD	2%	
Shrinkage TD	75%	
Ultimate Elongation MD	500%	
Ultimate Elongation TD	30%	

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.

Application Temperatures	300 to 350 °F	or 150 to 175 °C
Service Temperatures	-5 to 175 °F	or -20 to 80 °C

Silicone

ETI™ SC3 is a silicone coating enabling different release possibilities.

Liner

ETI™ LN170 is a non-siliconized glassine.

Caliper	0,0021 in.	or 0,0055 cm ± 10%
Tensile Strenght TD	14#/in.	or 2,45 N/cm ± 20%
Tensile Strenght MD	31#/in.	or 5,42 N/cm ± 20%

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

Stainless steel	2,2 lbs	or 1,00 kg
HDPE	2,3 lbs	or 1,04 kg
Polypropylene	2,3 lbs	or 1,04 kg
Glass	2,4 lbs	or 1,09 kg

Loop Tack

Stainless steel	2,5 lbs	or 1,13 kg
HDPE	2,1 lbs	or 0,95 kg
Polypropylene	2,1 lbs	or 0,95 kg
Glass	2,4 lbs	or 1,09 kg

Total Construction Caliper (approximate) 0,0051 in. or 0,0130 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. Excellent conversion characteristics in rotary and flat-bed. High speed machine labels production (up to 1050 AA/AAA or 600 C/D batteries per minute)

Application and uses

This product which presents good adhesion and cohesion to a wide range of substrates can conform to any shape because of the very high transverse direction shrinkage, but is especially designed for batteries labeling. The label only has to be heated to shrink around the batteries. Resistant to UV light, high humidity, high temperature, abrasion and to electrolyte.

Shelf Life

One year when stored at 72°F at 50% RH.