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|  | ETI™ FS250 (Shrinkable 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.

|                               |            |                    |
|-------------------------------|------------|--------------------|
| <b>Caliper</b>                | 0,0024 in. | or 0,0051 cm ± 10% |
| <b>Shrinkage MD</b>           | 2%         |                    |
| <b>Shrinkage TD</b>           | 75%        |                    |
| <b>Ultimate Elongation MD</b> | 500%       |                    |
| <b>Ultimate Elongation TD</b> | 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.

|                                 |               |                  |
|---------------------------------|---------------|------------------|
| <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  |

**Silicone**

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

**Liner**

ETI™ LN170 is a non-siliconized glassine.

|                            |            |                    |
|----------------------------|------------|--------------------|
| <b>Caliper</b>             | 0,0021 in. | or 0,0055 cm ± 10% |
| <b>Tensile Strenght TD</b> | 14#/in.    | or 2,45 N/cm ± 20% |
| <b>Tensile Strenght MD</b> | 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**

|                        |         |            |
|------------------------|---------|------------|
| <b>Stainless steel</b> | 2,2 lbs | or 1,00 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> | 2,5 lbs | or 1,13 kg |
| <b>HDPE</b>            | 2,1 lbs | or 0,95 kg |
| <b>Polypropylene</b>   | 2,1 lbs | or 0,95 kg |
| <b>Glass</b>           | 2,4 lbs | or 1,09 kg |

**Total Construction Caliper (approximate)** 0,0045 in. or 0,0140 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 800 labels/sec.)

**Application and uses**

This high gloss product which presents good adhesion to many substrates can conform to any shape because of the very high transverse direction shrinkage. The label only has to be heated to shrink on its container. This product, with an excellent cosmetic appearance, is particularly suitable for the beverage (milk, sports drinks, juice, etc) and pharmaceutical industries where decorative containers are often used. Resistant to UV light, high humidity, high temperature, abrasion and to electrolyte.

**Shelf Life**

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