



# PERFORMANCE GUIDE

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## LTC02025

Revised: 11/2018 KSH

## 2 mil Matte Silver PET / PAT1 / 2.6 mil Glassine

| Description       | Applications and End Uses  |  |  |  |
|-------------------|--|--|--|--|
| <b>Product</b>    | LTC02025 - 2 mil topcoated matte silver polyester with a durable and aggressive permanent acrylic adhesive and a 45# blue glassine liner.  | Designed for use in nameplate and durable equipment label applications. Excellent flexo and thermal transfer printability with most resin ribbons.   |  |  |
|                   | Lintec item: FNS Matt S50 PAT1 8K  | Used for warning and instructional labeling that contains critical information about safety and handling. These labels serve various functions including logos, warning labels, and serial numbers. These labels are designed to last the life of the product, adhere to difficult substrates such as plastics and metals, and may require higher heat resistance. |  |  |
| <b>Face</b>       | 2.0 mil matte silver polyester, topcoated for superior printability via flexo, thermal transfer and UV Inkjet presses. Features high strength, tear resistance, dimensional stability and temperature resistance.              |  |  |  |
|                   | <b>Physical Properties without Adhesive</b>  |  |  |  |
|                   | Caliper, inches  | 0.002 (2 mils)   | ASTM D-2103                                      |  |
| <b>Adhesive</b>   | PAT1 is a high performance, permanent acrylic adhesive with excellent ultimate adhesion and mandrel hold. It is extremely chemical and solvent resistant and has very good adhesion to various high and low energy substrates. |  |  |  |
|                   | <b>Physical Properties of Adhesive</b>   |  |  |  |
|                   | Thickness, inches  | 0.0007 +/- 10%   |  |  |
|                   | 180° Peel Adhesion, lbs./in.   | Stainless Steel: 3.0<br>HDPE: 2.0  | CTM-8 (30 min. applied)<br>Reference: PSTC-101A  |  |
|                   | <i>Temperature Ranges</i>  |  |  |  |
|                   | Minimum Application  | +39°F (4°C)  |  |  |
|                   | Service Ranges   | -40°F to +302°F (-40°C to +150°C)  |  |  |
|                   |  |  | CTM #45 Curwood<br>Polyester Film Dry<br>Surface |  |
| <b>Liner</b>      | A 45# blue glassine liner. Excellent for die cutting and stripping. The liner is coated with a release system designed for label dispensing. Primarily for roll-to-roll applications where a more demanding liner is needed.   |  |  |  |
|                   | Caliper, inches  | 0.0026+/- 10%  | TAPPI T-411                                      |  |
|                   | Basis Weight, lbs. (24" x 36"/500 sheets)  | 45 +/- 10%   | TAPPI T-410                                      |  |
| <b>Shelf Life</b> | Product retains its performance and properties for two years from date of manufacture when stored at 72° F and 50% relative humidity.  |  |  |  |

CALL 1-800-548-3456 for additional product information

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