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**Material Specification Sheet****Product:**

M-321

**Description:**

A matte coated lignin-free ultra-smooth thermal transfer paper facestock with a rubber-resin removable adhesive and a white kraft liner.

**Recommended Applications:**

This material is recommended for rough surface applications such as corrugated cardboard or curved substrates.

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**Facestock:**

A matte coated lignin-free ultra-smooth thermal transfer paper facestock.

|              | <u>Value</u> | <u>Units</u> |
|--------------|--------------|--------------|
| Basis Weight | 47           | lbs/ream     |
| Caliper:     | 2.9          | mil          |
| Tensile: MD  | 26           | lbs/in       |
| CD           | 17           | lbs/in       |
| Brightness:  | 85           | %            |
| Opacity:     | 87           | %            |

**Adhesive:**

A rubber-resin removable adhesive designed for rough surfaces.

|                           | <u>Value</u> | <u>Units</u> |
|---------------------------|--------------|--------------|
| Minimum Application temp: | 14           | °F           |
| Service temp:             | -22 to +158  | °F           |
| Shear:                    | 120          | minutes      |

**Liner:**

A white kraft liner.

|               | <u>Value</u> | <u>Units</u> |
|---------------|--------------|--------------|
| Basis Weight: | 40           | lbs/ream     |
| Caliper:      | 2.5          | mil          |
| Tensile: MD   | 35           | lbs/in       |
| CD            | 17           | lbs/in       |

**Shelf Life:**

One year, under standard storage and humidity conditions

**PRODUCT DISCLAIMER**

All labels and label material constructions are sold with the understanding that the purchaser has independently determined the suitability of each product for the application for which it is purchased. The seller disclaims any implied warranty of fitness of a product for a particular purpose. All materials should be tested thoroughly by the purchaser under end-user conditions to ensure they meet the requirements of a specific application.

