

Material Specification Sheet**Product:**

M-421

Description:

A direct thermal VL paper facestock with a freezer-grade non-takified acrylic adhesive and a white densified kraft liner.

Recommended Applications:

This material is recommended for general purpose direct thermal labels in cold temperature, barcoding applications.

Facestock:

A direct thermal VL paper facestock.

| | <u>Value</u> | <u>Units</u> |
|--------------|--------------|--------------|
| Basis Weight | 49.8 | lbs/ream |
| Caliper: | 3.15 | mil |
| Tear: | 45 | grams |
| | 54 | grams |
| Stiffness: | 90 | mg |
| | 50 | mg |

Adhesive:

A freezer-grade non-takified acrylic adhesive.

| | <u>Value</u> | <u>Units</u> |
|---------------------------|--------------|--------------|
| Minimum Application temp: | -20 | °F |
| Service temp: | -65 to +180 | °F |
| Shear: | 0.2 | hours |
| 180° Peel: | | |
| Stainless Steel | 1.5 | lb/in |
| Target Tack: | 42 | oz/in |

Liner:

A white densified kraft liner.

| | <u>Value</u> | <u>Units</u> |
|---------------|--------------|--------------|
| Basis Weight: | 41 | lbs/ream |
| Caliper: | 2.45 | mil |
| Tensile: | 38 | lbs/in |
| | 17 | lbs/in |
| Tear: | 34 | grams |
| | 38 | grams |

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.

