

## Technical Data Sheet

### Description:

An ultra-smooth, thermal transfer, topcoated paper facestock designed for use in high and medium speed thermal transfer printers. It features a permanent general-purpose acrylic adhesive designed for excellent adhesion to corrugate and plastic surfaces and a supercalendered, bleached kraft liner.

### Recommended Applications:

For applications that require premium barcode printing and adhesion to corrugate or plastic surfaces.

Material is FSC certified.

Material complies with FDA CFR 175.105.

### Facestock:

An ultra-smooth thermal transfer topcoated facestock.

|               |    | <u>Value</u> | <u>Units</u> |
|---------------|----|--------------|--------------|
| Basis Weight: |    | 40           | lbs/ream     |
| Caliper:      |    | 2.85         | mil          |
| Tensile:      | MD | 26           | lbs/in       |
|               | CD | 17           | lbs/in       |
| Tear:         | MD | 42           | grams        |
|               | CD | 42           | grams        |
| Stiffness:    | MD | 140          | mg           |
|               | CD | 90           | mg           |

### Adhesive:

A general-purpose permanent acrylic adhesive.

|                           |                     | <u>Value</u> | <u>Units</u> |
|---------------------------|---------------------|--------------|--------------|
| Minimum Application Temp: |                     | 30           | °F           |
| Service Temp Range:       |                     | -65 to +200  | °F           |
| Peel Adhesion:            | Recycled Corrugated | 0.9 – 1.5    | lbs          |
|                           | HDPE                | 1.6 – 2.0    | lbs          |
|                           | LDPE                | 1.3 – 1.7    | lbs          |
|                           | PVC Film            | 1.9 – 2.3    | lbs          |
|                           | Glass               | 1.8 – 2.2    | lbs          |
| Loop Tack:                | Recycled Corrugated | 0.9 – 1.3    | lbs          |
|                           | HDPE                | 2.1 – 2.6    | lbs          |
|                           | LDPE                | 2.1 – 2.4    | lbs          |
|                           | PVC Film            | 2.3 – 2.7    | lbs          |
|                           | Glass               | 3.6 – 4.2    | lbs          |

### Liner:

A 40# bleached supercalendered kraft liner.

|               |    | <u>Value</u> | <u>Units</u> |
|---------------|----|--------------|--------------|
| Basis Weight: |    | 41.5         | lbs/ream     |
| Caliper:      |    | 2.4          | mil          |
| Tensile:      | MD | 40           | lbs/in       |
|               | CD | 19           | lbs/in       |
| Tear:         | MD | 35           | grams        |
|               | CD | 40           | grams        |

### Shelf Life:

One year under standard storage and humidity conditions. For maximum product longevity, store out of direct sunlight and away from any fumes.



Product Disclaimer: Due to the variety of evolving technologies of OEMs, print engines, press capabilities and inks, all material constructions are sold with the understanding that the purchaser has independently tested and 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.