



PRODUCT DATA SHEET

Date: 05/14/2024

Spinnaker
 550 Summit Avenue
 Troy, Oh 45373
 800 543-9452

ScanTherm™ Ultra (2021) ** Frostbite™ ** 40# liner

Item#: 0049701

----- TRIMLESS PROGRAMS -----

| Dist. Ctr | Length | Min. Width | Core |
|-------------|--------|------------|------|
| Troy, Ohio | 5 K | 3" | 3" |
| Troy, Ohio | 10 K | 4" | 3" |
| Troy, Ohio | 2.5 K | 3" | 3" |
| Atlanta | 5 K | 3" | 3" |
| Atlanta | 10 K | 4" | 3" |
| Chicago | 5 K | 3" | 3" |
| Chicago | 10 K | 4" | 3" |
| Ontario, CA | 5 K | 3" | 3" |
| Ontario, CA | 10 K | 4" | 3" |

Facestock: **ScanTherm™ Ultra (2021)**

A standard sensitivity, ultra-low abrasion, general purpose direct thermal paper designed to cover a broad range of applications, including industrial and weigh scale applications. It is top-coated for resistance to water, oil, and other chemicals and offers good heat and light resistance.

| | Typical Value |
|----------------|-----------------------------|
| Basis Weight: | 48.4 #/3300 ft ² |
| Caliper: | 3.1 mils |
| Tensile MD/CD: | 35 / 17 #/inch |
| Tear MD/CD: | 45 / 45 grams |
| Opacity: | 89% |

Adhesive: **Frostbite™**

A highly aggressive rubber based adhesive featuring excellent initial tack and ultimate adhesion when applied at freezer conditions. Also an excellent choice when applied to packaging materials at room temperature and then subjected to -40F blast freezing conditions. It will adhere to variety of surfaces despite specific amounts of frost and /or moisture (testing is recommended). When used in warm environments (above room temperature), you will experience ooze and have converting issues.

| | Typical Value |
|--|----------------------------|
| Coat Weight: | 14 #/3300 ft ² |
| Coat Weight: | 20.72 grams/m ² |
| Caliper: | .55 mils |
| Adhesion to Stainless Steel, oz. (90° Peel): | 26 |

| | |
|----------------------------------|---------------|
| Loop Tack, oz.: | 53 |
| Service Temperature: | -65 to 160 °F |
| Minimum Application Temperature: | -15 °F |
| Shear (1000g): | 57 minutes |

Release Liner: **40# liner** A bleached, calendered liner featuring excellent die cutting and stripping characteristics. Recommended for use in roll-to-roll applications.

| | Typical Value |
|----------------|---------------------------|
| Basis Weight: | 41 #/3000 ft ² |
| Caliper: | 2.5 mils |
| Tensile MD/CD: | 34 / 21 #/inch |
| Tear MD/CD: | 34 / 36 grams |
| Opacity: | 69 max% |

Total Product Caliper: 6.15 mils
Product Basis Weight Per MMSI: 226.32 #
Shelf Life: 12 month(s) when stored at 72° F, 50% RH

*For application recommendations call 877-210-5104
For samples or other questions please call your Sales Representative.*

Important Notice

These are typical values and should not be considered a specification. Adhesive properties were tested with a film facestock unless denoted with an asterisk(*).

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