



PRODUCT DATA SHEET

Date: 04/30/2025

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	2.5 K	3"	3"
Troy, Ohio	5 K	3"	3"
Troy, Ohio	10 K	4"	3"
Atlanta	2.5 K	3"	3"
Atlanta	5 K	3"	3"
Atlanta	10 K	4"	3"
Chicago	2.5 K	3"	3"
Chicago	5 K	3"	3"
Chicago	10 K	4"	3"
Ontario, CA	2.5 K	3"	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.

Basis Weight:

Typical Value

48.4 #/3300 ft²

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.

Coat Weight:

Typical Value

14 #/3300 ft²

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.
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	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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