



PRODUCT DATA SHEET

Date: 05/01/2024

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

2.0 mil TC Clear Polypropylene ** Frostbite™ ** 40# liner

Item#: 0041951

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

Recommended Print Type(s) to Test	Dist. Ctr	Length	Min. Width	Core
Domino (UV Inkjet)	Troy, Ohio	5 K	3"	3"
Durst US (UV inkjet)	Troy, Ohio	10 K	3"	3"
EFI™ Jetrion® (UV Inkjet)	New York	5 K	3"	3"
Screen Americas (UV Inkjet)	New York	10 K	4"	3"
Flexo	Chicago	5 K	3"	3"
	Chicago	10 K	4"	3"

Facestock: **2.0 mil TC Clear Polypropylene**

A biaxially-oriented film designed for prime label applications. Its acrylic top coat was specifically engineered for flexo ink receptivity.

Basis Weight:

Typical Value

31.5 #/3300 ft²

Caliper:

2.0 mils

Tensile MD/CD:

30,450 / 24,650 PSI

Elongation @ Break MD/TD:

80 / 100%

Gloss:

90 / N/A%

Haze:

2.5%

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 ft²

Coat Weight:

20.72 grams/m²

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 ft²

Caliper:

2.5 mils

Tensile MD/CD:

34 / 21 #/inch

Tear MD/CD:

34 / 36 grams

Opacity:

69 max%

Total Product Caliper: 5.05 mils

Product Basis Weight Per MMSI: 190.74 #

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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