



**PRODUCT DATA SHEET**

Date: 05/15/2024

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

**2.2mil Matte White Polyester \*\* Cryogenic \*\* 63# Kraft**

Item#: 0049943

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

Dist. Ctr	Length	Min. Width	Core
Troy, Ohio	2 K	3"	3"

Facestock: **2.2mil Matte White Polyester**

2.2mil matte polyester that show excellent performance in cryogenic applications. This product prints well on conventional print methods and laser. This product can also Thermal Transfer print when paired with the appropriate ribbon. Testing is always recommended. This component is not available for custom constructions.

**Typical Value**

Basis Weight:	40.9 #/3300 ft <sup>2</sup>
Caliper:	2.17 mils
Tensile MD/CD:	80 / 90 MPa
Elongation @ Break MD/TD:	60 / 15%
Gloss:	2.5 / N/A%
Opacity:	91.2%

Adhesive: **Cryogenic**

A high tack solvent acrylic with excellent adhesion to small diameter test tubes and ampules. This adhesive resists edge lifting when repeatedly subjected to changes between extremely low temps and room temp, such as removal from liquid nitrogen. This component is not available for custom constructions.

**Typical Value**

Caliper:	.9 mils
Adhesion to Stainless Steel, oz. (90° Peel):	37
Loop Tack, oz.:	68
Service Temperature:	-320 to 248 °F
Minimum Application Temperature:	39 °F
Shear (1000g):	551 minutes

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Release Liner: **63# Kraft**

This ivory kraft liner is polyethylene laminated on one side. Excellent for die cutting and stripping. This liner is designed for roll to sheet lay-flat applications.

Basis Weight:

**Typical Value**  
63 #/3000 ft<sup>2</sup>

Caliper:

4.7 mils

Tensile MD/CD:

39 / 28 #/inch

Tear MD/CD:

60 / 60 grams

Opacity:

79.8%

**Total Product Caliper:** 7.77 mils

**Product Basis Weight Per MMSI:** 232.00 #

**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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