



**PRODUCT DATA SHEET**

Date: 02/22/2023

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

**Veero Direct Thermal NTC (2018) \*\* VG-331 \*\* Veero 40# liner (2018)**

Item#: 0048542

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

Dist. Ctr	Length	Min. Width	Core
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"

Replaces old item# 47228

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**Facestock: Veero Direct Thermal NTC (2018)**

A direct thermal facestock designed for short-duration labeling. It is not suitable for applications requiring water or chemical resistance (including solvents, oils, fats, or similar substances). This component is not available for custom constructions.

**Typical Value**

Basis Weight:	50 #/3300 ft <sup>2</sup>
Caliper:	3.1 mils
Tensile MD/CD:	37 / 17
Tear MD/CD:	47 / 51 grams
Opacity:	87%
Brightness:	86%

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**Adhesive: VG-331**

An economical, versatile general purpose acrylic for a variety of applications with excellent initial tack and ultimate adhesion to a broad range of substrates. The 32°F minimum application temperature allows use in many applications, from product decoration to barcoded packaging labels. This component is not available for custom constructions.

**Typical Value**

Coat Weight:	12 #/3300 ft <sup>2</sup>
Coat Weight:	17.76 grams/m <sup>2</sup>
Caliper:	.4 mils
Adhesion to Stainless Steel, oz. (90° Peel):	23

Loop Tack, oz.: 35  
Service Temperature: -40 to 248 °F  
Minimum Application Temperature: 32 °F

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Release Liner: **Veero 40# liner (2018)** A bleached, calendered liner featuring excellent die cutting and stripping characteristics. Recommended for use in roll-to-roll applications.

	<b>Typical Value</b>
Basis Weight:	39 #/3000 ft <sup>2</sup>
Caliper:	2.4 mils
Tensile MD/CD:	33 / 16 #/inch
Tear MD/CD:	26 / 36 grams
Opacity:	60%

**Total Product Caliper:** 5.9 mils  
**Product Basis Weight Per MMSI:** 220.84 #  
**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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