



**PRODUCT DATA SHEET**

Date: 05/13/2024

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

**PrimeScan® 90 \*\* BC-20™ \*\* 40# liner**

Item#: 0041878

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

**Recommended Print Type(s) to Test**

Impact Films  
 Thermal Transfer Films  
 Flexo

Dist. Ctr	Length	Min. Width	Core
Troy, Ohio	5 K	3"	3"
Troy, Ohio	2.5 K	3"	3"
Troy, Ohio	10 K	4"	3"
Atlanta	5 K	3"	3"
Atlanta	10 K	4"	3"

This face/adhesive combination conforms to BS5609: 1986 Section 2 - 'Maritime and Laboratory Performance of Label Base Materials for drum labelling.

Facestock: **PrimeScan® 90**

A polyolefin-based, clay-coated, 90-micron-thick film designed to be compatible with most common impact, and many non-impact, print methods. It is waterproof, tear-resistant, grease resistant, and resists temperature fluctuations. It will die cut and fold easily and is compatible with hot foil stamping and embossing. Similar to paper, PrimeScan 90 is a film with memory. To minimize pickers curl in hand-applied applications, remove the liner from the facestock when possible (rather than face from liner). Outdoor durability is up to 18 months, depending on climate and exposure conditions.

**Typical Value**

Basis Weight:	46 #/3300 ft <sup>2</sup>
Caliper:	3.6 mils
Tensile MD/CD:	6670 / 5510 PSI
Elongation @ Break MD/TD:	120 / 110%
Opacity:	90%

Adhesive: **BC-20™**

A cold temperature hot melt adhesive featuring excellent adhesion to a variety of packaging materials and other substrates over a wide temperature range. It displays good die cutting and stripping characteristics. This adhesive performs well on wet and oily/greasy applications.

**Typical Value**

Coat Weight:	14 #/3300 ft <sup>2</sup>
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Coat Weight:	20.72 grams/m <sup>2</sup>
Caliper:	.6 mils
Adhesion to Stainless Steel, oz. (90° Peel):	38
Loop Tack, oz.:	72
Service Temperature:	-50 to 145 °F
Minimum Application Temperature:	10 °F
Shear (1000g):	157 minutes

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Release Liner: **40# liner**      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:	41 #/3000 ft <sup>2</sup>
Caliper:	2.5 mils
Tensile MD/CD:	34 / 21 #/inch
Tear MD/CD:	34 / 36 grams
Opacity:	69 max%

**Total Product Caliper:** 6.7 mils  
**Product Basis Weight Per MMSI:** 221.26 #  
**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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