



PRODUCT DATA SHEET

Date: 04/18/2024

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 ²
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 ²
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Coat Weight:	20.72 grams/m ²
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

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 ft ²
Caliper:	2.5 mils
Tensile MD/CD:	34 / 21 #/inch
Tear MD/CD:	34 / 36 grams
Opacity:	69 max%

Total Product Caliper: 6.7 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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