



PRODUCT DATA SHEET

Date: 04/26/2024

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

PrimeScan® 90 ** B-82 ** 50# liner

Item#: 0049708

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.

Basis Weight:

Typical Value
46 #/3300 ft²

Caliper:

3.6 mils

Tensile MD/CD:

6670 / 5510 PSI

Elongation @ Break MD/TD:

120 / 110%

Opacity:

90%

Adhesive: **B-82**

A general purpose hot melt adhesive with excellent quick-stick properties and long-term adhesion to a broad range of surfaces.

Coat Weight:

Typical Value
14 #/3300 ft²

Coat Weight:

20.72 grams/m²

Caliper:

.6 mils

Adhesion to Stainless Steel, oz. (90° Peel):

60

Loop Tack, oz.:

94

Service Temperature:

-50 to 150 °F

Minimum Application Temperature:

40 °F

Shear (1000g):

445 minutes

Release Liner: **50# liner** A bleached, calendered liner featuring higher tensile and tear properties than the 40# liner, making it an excellent liner for perforating, fan-folding, and edge-punching.

	Typical Value
Basis Weight:	53 #/3000 ft ²
Caliper:	3.2 mils
Tensile MD/CD:	48 / 26 #/inch
Tear MD/CD:	45 / 51 grams
Opacity:	74%

Total Product Caliper: 7.4 mils
Product Basis Weight Per MMSI: 249.05 #
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(*).

All trademarks are the property of their respective owners.

All information, recommendations for use, product designations, and descriptive materials about Spinnaker Pressure Sensitive Products, LLC products are believed to be reliable, but the furnishing of such information, recommendations for use, product designations, and descriptive material is for informational purposes only and does not constitute a warranty of any kind by Spinnaker Pressure Sensitive Products, LLC. Because of the variety of possible applications for Spinnaker's products and the continuing development of new applications, all Spinnaker Pressure Sensitive Products, LLC products are sold with the understanding that each purchaser will independently determine the suitability of any product for the purchaser's intended application, converting, and print processes. Spinnaker Pressure Sensitive Products, LLC will review, and may modify the information contained in this document from time to time and customers should ensure they have the most recent information.

Last Revision: 10/27/2021