



PRODUCT DATA SHEET

Date: 05/14/2024

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(*).

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