



**PRODUCT DATA SHEET**

Date: 05/14/2024

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

**Smudgeproof Kimdura® FPG-80 \*\* B-82 \*\* 50# liner**

Item#: 0043145

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

Recommended Print Type(s) to Test	Dist. Ctr	Length	Min. Width	Core
Impact Films	Troy, Ohio	5 K	3"	3"
Thermal Transfer Films	New York	5 K	3"	3"
Flexo	Chicago	5 K	3"	3"

Facestock: **Smudgeproof Kimdura® FPG-80**

This film is a matte white, multi-layer polypropylene film top-coated to provide premium dot matrix and thermal transfer print images. Outdoor exposure is up to one year. Typical applications include shelf marking and container labeling. The product is no longer warranted for Flexographic or any non-thermal printing methods based on feedback from the facestock supplier.

	Typical Value
Basis Weight:	56 #/3300 ft <sup>2</sup>
Caliper:	3.8 mils
Tensile MD/CD:	22 / 62 #/inch
Elongation @ Break MD/TD:	89.9 / 16.1%
Opacity:	95%

Adhesive: **B-82**

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

	Typical Value
Coat Weight:	14 #/3300 ft <sup>2</sup>
Coat Weight:	20.72 grams/m <sup>2</sup>
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

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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.

Basis Weight:

**Typical Value**

Caliper:

53 #/3000 ft<sup>2</sup>

Tensile MD/CD:

3.2 mils

Tear MD/CD:

48 / 26 #/inch

Opacity:

45 / 51 grams

74%

**Total Product Caliper:** 7.6 mils

**Product Basis Weight Per MMSI:** 270.11 #

**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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