



**PRODUCT DATA SHEET**

Date: 05/13/2024

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

**Smudgeproof Kimdura® FPG-80 \*\* BP-164 \*\* 50# liner**

Item#: 0041883

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

Recommended Print Type(s) to Test	Dist. Ctr	Length	Min. Width	Core
Impact Films	Troy, Ohio	2.5 K	3"	3"
Thermal Transfer Films	Troy, Ohio	5 K	3"	3"
Flexo	Chicago	2.5 K	3"	3"
	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: **BP-164**

A general purpose hot melt adhesive with excellent quick-stick properties. This adhesive exhibits excellent adhesion to a broad range of packaging surfaces and has improved die cutting and stripping attributes compared to other hot melt rubber based adhesives.

	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):	63
Loop Tack, oz.:	97
Service Temperature:	-50 to 150 °F
Minimum Application Temperature:	40 °F
Shear (1000g):	456 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<sup>2</sup>  
Caliper: 3.2 mils  
Tensile MD/CD: 48 / 26 #/inch  
Tear MD/CD: 45 / 51 grams  
Opacity: 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(\*).

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: 05/22/2023