



PRODUCT DATA SHEET

Date: 04/17/2024

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

Smudgeproof Kimdura® FPG-80 ** C-122F ** 50# liner

Item#: 0041915

| Recommended Print Type(s) to Test | ----- TRIMLESS PROGRAMS ----- | | | |
|-----------------------------------|-------------------------------|--------|------------|------|
| | Dist. Ctr | Length | Min. Width | Core |
| Impact Films | Troy, Ohio | 5 K | 3" | 3" |
| Thermal Transfer Films | Troy, Ohio | 10 K | 4" | 3" |
| Flexo | Chicago | 5 K | 3" | 3" |
| | Chicago | 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: **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 ² |
| Caliper: | 3.8 mils |
| Tensile MD/CD: | 22 / 62 #/inch |
| Elongation @ Break MD/TD: | 89.9 / 16.1% |
| Opacity: | 95% |

Adhesive: **C-122F**

A premium drum and barrel acrylic adhesive for film facestocks that provides excellent adhesion to painted metal, polyolefin and fiber drums in all weather conditions. As a heavy coat weight of B-122F, It is well suited for the most demanding of label applications.

| | Typical Value |
|--|----------------------------|
| Coat Weight: | 18 #/3300 ft ² |
| Coat Weight: | 26.64 grams/m ² |
| Caliper: | .8 mils |
| Adhesion to Stainless Steel, oz. (90° Peel): | 32.1oz |
| Loop Tack, oz.: | 32.6 oz |

Service Temperature: -65 to 200 °F
Minimum Application Temperature: -10 °F
Shear (1000g): 82 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 ft²
Caliper: 3.2 mils
Tensile MD/CD: 48 / 26 #/inch
Tear MD/CD: 45 / 51 grams
Opacity: 74%

Total Product Caliper: 7.8 mils
Product Basis Weight Per MMSI: 278.53 #
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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