



SPECIFICATION SHEET

This product specification sheet provides the detail to aid you in identifying the most appropriate product type to meet your company's specific requirements.

Please direct questions to: **Ricoh Customer Service 1-800-843-7058**

DESCRIPTION

150PRx PF is a medium-high sensitivity direct thermal stock with image durability that resists medical solutions.

KEY FEATURES

Completely Phenol Free, Medium-high sensitivity; excellent resistant to medical solutions



— APPLICATION AREAS —



Laboratory Labels



Product ID

FACESTOCK / PRESERVATION PROPERTIES

FACESTOCK PROPERTIES

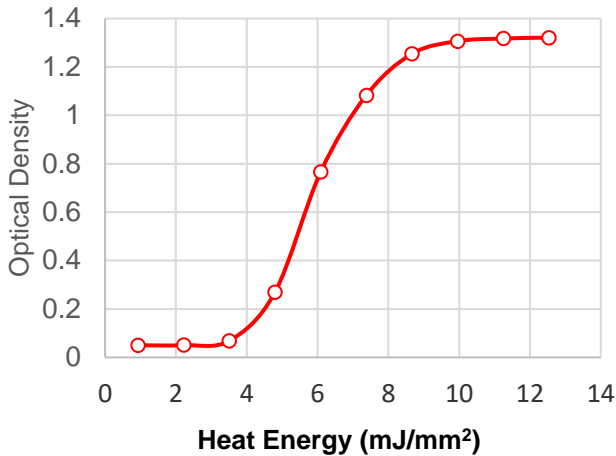
| ITEM | | UNIT | SPECIFICATION | TEST METHOD |
|----------------------------------|--------------|------------------------|---------------|---------------------|
| Basis Weight | | lbs (24x36x500 sheets) | 44.9 ± 4.5 | TAPPI T-410 |
| | | g/m ² | 73 ± 7 | |
| Caliper | | mil | 3.1 ± 0.3 | TAPPI T-411 |
| | | µm | 78.5 ± 8 | |
| Image Color | | | Black | Visual Check |
| Image Density | (ODU) | Minimum | 1.25 | X-Rite Densitometer |
| Tear Strength | MD | gf Minimum | 30.0 | TAPPI T-414 |
| | CD | gf Minimum | 35.0 | |
| Tensile Strength | MD | kgf/15 mm Minimum | 5.4 | TAPPI T-494 |
| | CD | kgf/15 mm Minimum | 2.7 | |
| Stiffness | MD | g-cm Minimum | 3.0 | TAPPI T-489 |
| | CD | g-cm Minimum | 2.5 | |
| Initial Activation Temperature | (O.D. = 0.2) | °F / °C | 212 / 100 | |
| Effective Activation Temperature | (O.D. = 0.8) | °F / °C | 239 / 115 | |

PRESERVATION PROPERTIES

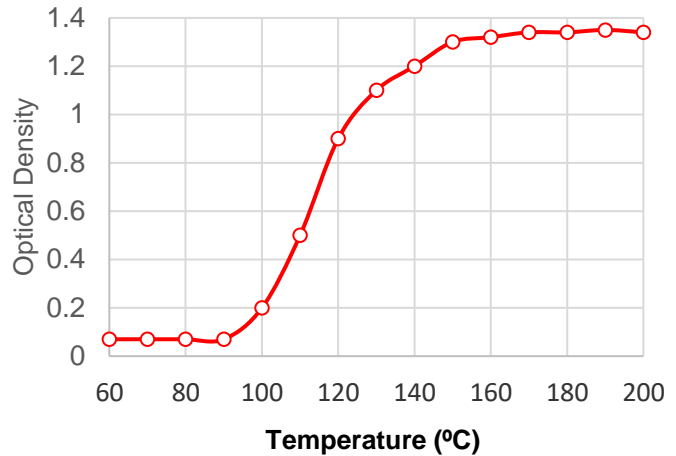
| ITEM | SPECIFICATION | TEST METHOD |
|---------------------|---------------|----------------------|
| Oil Resistance | Image | 1.10 Minimum |
| | Background | 0.15 Maximum |
| Moisture Resistance | Image | 40° C, Dry, 15 Hours |
| | Background | X-Rite (ODU) |
| Heat Resistance | Image | 1.10 Minimum |
| | Background | 0.30 Maximum |
| Light Resistance | Image | 80° C, Dry, 1 Hour |
| | Background | X-Rite (ODU) |
| Light Resistance | Image | 1.10 Minimum |
| | Background | 0.15 Maximum |
| | | 5,000 lx, 100 Hours |
| | | X-Rite (ODU) |

SENSITIVITY RESULTS

Dynamic Sensitivity



Static Sensitivity



Sensitivity curves are for reference only.

Storage Conditions: Below 95°F (35° C) and less than 85% R.H. in a warehouse, avoiding direct sunlight.

Tests performed on Markpoint MP104.

150PRx PF – LAMINATED PRODUCT

| GRADE | UNIT | G8 |
|-----------------|------------------|------------|
| Application | °F | 10 to 120 |
| Temperature | °C | -12 to 49 |
| Service | °F | -20 to 120 |
| Temperature | °C | -29 to 49 |
| Basis Weight | lbs | 93 ± 12 |
| (24 x 36 x 500) | g/m ² | 151 ± 19 |
| Caliper | µm | 150 ± 18 |
| | mil | 5.9 ± 0.7 |

Liner: 40 lbs
 Caliper: 2.5 mils ± 10% (64 ± 8 µm)
 Opacity: 65% Maximum (Photovolt)

Adhesive Attributes:
 G8 – Tight Removable

CERTIFICATES / REGULATIONS / DIRECTIVES

Completely Phenol Free

ISO9001

ISO14001

Indirect Food Contact

No Added PFAS

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