



PRODUCT OVERVIEW

DESCRIPTION

Ricoh's SYN-2 is a BOPP film-based synthetic label stock renowned for its durability and clarity, featuring a 2.4 mil caliper for optimal strength and flexibility. Engineered for high-quality printing and resistance to moistures and oils, SYN-2 offers a versatile labeling solution suitable for various industries and applications. SYN-2 is completely phenol free to ensure legislative compliance.

Features & Benefits:

- Completely Phenol Free Synthetic, film-based product with a matte finish
- Superior image performance under harsh weathering and high temperatures
- Increased flexibility for curved surface labeling while maintaining durability



SYN-2 SPECIFICATIONS

FACESTOCK PROPERTIES

| ITEM | | UNIT | SPECIFICATION | TEST METHOD |
|------------------|----|------------------------|---------------|---------------|
| Basis Weight | | lbs (24x36x500 sheets) | 24.9± 1.0 | ISO 4591 |
| | | g/m2 | 40.5± 1.5 | |
| Caliper | | mil | 2.4 ± 0.2 | ISO 4591/4593 |
| | | µm | 60.0 ± 3.0 | |
| Tensile Strength | MD | N/15mm | 58 Minimum | DIN/ISO 527 |
| | CD | N/15mm | 120 Minimum | |
| Stiffness | MD | mgf | 10.8 | TAPPI T543 |
| | CD | mgf | 18.6 | |

LAMINATED PRODUCT

| GRADE | UNIT | G12 |
|---------------------------------|------------------|------------|
| Application | °F | -40 to 122 |
| Temperature | °C | -40 to 50 |
| Service | °F | -65 to 131 |
| Temperature | °C | -54 to 55 |
| Basis Weight (24 x 36 x 500) | lbs | 84 ± 12 |
| | g/m ² | 136 ± 19 |
| Caliper | µm | 146 ± 19 |
| | mil | 5.7 ± 0.7 |

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

Adhesive Attributes:
G12 – Wide temperature and permanent

CERTIFICATES / REGULATIONS / DIRECTIVES

Completely Phenol Free No Added PFAS ISO9001 ISO14001

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CONTACT INFORMATION