



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.

Features & Benefits

- Synthetic, film-based product with a semi-gloss 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/m ²	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	Liner: 40 lbs Caliper: 2.5 mils ± 10% (64 ± 8 µm) Opacity: 65% Maximum (Photovolt)
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	Adhesive Attributes: G12 – Wide temperature and permanent
	g/m ²	136 ± 19	
Caliper	µm	146 ± 19	
	mil	5.7 ± 0.7	

CERTIFICATES / REGULATIONS / DIRECTIVES

ISO9001 ISO14001

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