



PRODUCT OVERVIEW

DESCRIPTION

Ricoh's SYN-1 is a premium BOPP film-based synthetic label stock, boasting a robust 3.9 mil caliper for exceptional durability and resilience. With superior printability and resistance to environmental factors, SYN-1 delivers a reliable labeling solution designed to meet the demands of diverse industries and applications.

Features & Benefits

- Synthetic, film-based product with a matte finish
- Superior image performance under harsh weathering and high temperatures
- Thicker caliper allows for increased durability

SYN-1 SPECIFICATIONS

FACESTOCK PROPERTIES				
ITEM		UNIT	SPECIFICATION	TEST METHOD
Basis Weight		lbs (24x36x500 sheets)	46.7 ± 4.9	TAPPI T-410
		g/m ²	76 ± 8.0	
Caliper		mil	3.94 ± 0.20	TAPPI T-411
		µm	100 ± 5	
Tensile Strength	MD	kg / mm ²	9.0	ASTM D-882
	CD	kg / mm ²	15.0	
Stiffness	MD	gf-cm Minimum	0.80	TAPPI T-489
	CD	gf-cm Minimum	1.20	
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	100± 10		
	g/m ²	162 ± 17		
Caliper	µm	174 ± 21		
	mil	6.8 ± 0.8		

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

ISO9001 ISO14001

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