

SYN-1 G12 SYNTHETIC LABEL STOCK

Specifications may change without notice.
Last Update: October 2025 PS-2099 (Rev.8)

PRODUCT FEATURES

SYN-1 is a phenol-free synthetic label stock designed for demanding pressure-sensitive applications. Engineered with a premium 3.9 mil BOPP film base, it features a smooth matte finish and excellent print receptivity across a variety of technologies, including suitability as a thermal transfer ribbon (TTR) receiver. Ideal for product labeling and industrial applications, it delivers superior image performance under harsh conditions. Paired with our wide-temperature G12 adhesive, it ensures reliable permanent adhesion across a broad range of environments.

FACESTOCK PROPERTIES

Basis Weight

lbs (24 x 36 x 500 sheets)	46.7 ± 4.9
g/sq m	76 ± 8.0

Caliper

mil	3.94 ± 0.20
µm	100 ± 5

Tensile Strength (kg/sq mm Minimum)

MD	9.0
CD	15.0

Stiffness (g-cm Minimum)

MD	0.80
CD	1.20

CONTACT US

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Customer Service:





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CERTIFICATIONS

- ISO9001
- ISO14001

REGULATORY

-  Phenol Free
-  BPS Free
-  BPA Free
-  No Added PFAS

LAMINATED PRODUCT

Application Temperature

°F	-40 to 122
°C	-40 to 50

Service Temperature

°F	-65 to 131
°C	-54 to 55

Basis Weight

lbs (24 x 36 x 500 sheets)	100 ± 10
g/sq m	162 ± 17

Caliper

mil	6.8 ± 0.8
µm	174 ± 21

Liner and Adhesive Attributes:

G12 Wide temperature and permanent

Liner 40 lbs

Opacity 65% Maximum (Phtovolt)

Caliper

mil	2.5 ± 10%
µm	64 ± 8