

Product Data

Fasson® Fastherm Plus / Permanent

Product Identification Number: LM79350

Facestock:

Fasson® Fastherm TC:	A smooth, bright, white wood free paper with heat sensitive coating and a top coating to provide ink receptivity and protection to the image. The ink receptive and protective layer offers good resistance to moisture, fat, oil etc.	
Basis Weight:	75 +/- 10% g/m2	(ISO 536)
Caliper:	0.081 mm ± 10%	(ISO 534)

Adhesive:

Fasson® Permanent: A highly aggressive permanent rubber based adhesive featuring high initial tack and excellent ultimate bond strength to a wide range of substrates.

Minimum Application Temperature: + 5° C
(The minimum temperature at which the label can be applied and will adhere)

Service Temperature Range: - 20° C to + 70° C
(The temperature range to which the label can be exposed after the adhesion bond to the substrate has been formed)

Liner:

Fasson® CK40	A bleached super calendared kraft liner featuring high internal strength.
Basis Weight:	60 gsm ± 10% (ISO 536)
Caliper:	0.055mm ± 10%

Total Construction Caliper : 0.148 mm ± 10%

Performance Data :

Initial Tack :	650 N/m	FTM 9 Glass
Peel Adhesion 90° :	380 N/m	FTM 2 St. St.

Application and Use: The product is specially designed for use in direct thermal printing systems at various printing speeds. Typical applications include bar coded labels for pre-packed food, industrial bar coding and tracking.
Note: The image resolution can be affected by exposure to conventional or fluorescent light and careless handling.

Conversion : The product can be converted by all conventional roll technologies including flexographic and UV letterpress. However, due to the thermographic properties, exposure above 50°C may cause premature imaging or discoloration. It is advisable to test inks and varnishes before conversion.

Shelf Life: Two years when stored at 22°C and 50% RH in packed condition.
As with all self-adhesive materials, this product should be tested thoroughly under end-use conditions to ensure it meets the requirements of specific application.
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Avery Dennison (India) Pvt. Ltd.
Narsinghpur Industrial Area
Six Kilometer stone
Delhi-Jaipur Highway
Gurgaon-122001, Haryana
Tel +91-124—2215581/582/583
Fax +91-124-2215591/592

