

Facestock

A white, woodfree printing paper with a high sensitivity thermal coating providing good image resolution. The facestock is produced without use of Bisphenol A. This product is compliant with Annex XVII to Regulation (EC) No 1907/2006.

The facestock is made from FSC® certified paper (FSC Mix Credit, chain-of-custody number: CU-COC-807907, Licence Code: FSC-C004451)

| | | |
|---------------------|---------------------|---------|
| Basis Weight | 70 g/m ² | ISO 536 |
| Caliper | 74 µm | ISO 534 |
| Image Density (Min) | 1.20 odu | |
| Max Print Speed | 200 mm/sec | |

Adhesive

A general purpose permanent, rubber based adhesive.

Liner

BG40 brown, supercalendered glassine paper.

| | | |
|--------------|---------------------|---------|
| Basis Weight | 54 g/m ² | ISO 536 |
| Caliper | 47 µm | ISO 534 |

Laminate

| | | |
|---------------|------------|---------|
| Total Caliper | 135 µm±10% | ISO 534 |
|---------------|------------|---------|

Performance Data

| | | |
|------------------------|-----------------|--------------|
| Initial Tack | 18 N/25mm | FTM 9 Glass |
| Peel Adhesion 90° | 9 N/25mm | FTM 2 St.St. |
| Min. Application Temp. | 0 °C | |
| Service Temperature | -40 °C to 50 °C | |

Adhesive Performance

The adhesive features excellent tack and adhesion on a wide variety of substrates, including apolar, slightly rough and curved substrates. Particularly good performance at lower temperatures, e.g. labeling of chilled products.

Applications and Use

This Direct Thermal product is designed for use in dry weigh scale, process tracking, point of sale item information labelling where limited image durability is required. Typical end applications include fruit and vegetable weigh scale, hardware, work-in-process material tracking. Contact with moisture, oil, fats, plasticizers and exposure to strong lighting should be avoided due to potential image fade. This product is produced without the use of Bisphenol A (BPA).

Conversion and Printing

This product is designed to be converted and dispensed at high speed by all conventional roll conversion technologies, including flexographic and UV letterpress. Due to the thermographic properties, exposure above 50°C may cause premature imaging or discolouration. Inks containing alcohol or volatile organic solvents may also cause discoloration. It is advisable to test inks and varnishes before conversion. We generally recommend not to pre-print the area which will be thermally imaged.

Compliance and Approvals

The adhesive is suitable for contact with dry and moist, non-fatty foodstuffs. For complete information regarding the food contact compliance status, please contact your local sales representative for a Food Contact Statement.

BM312

Fasson®

THERMAL ECO BPA FREE FSC S2045N-BG40BR



THERMAL ECO BPA FREE
FSC

S2045N

BG40BR



The mark of
responsible forestry

This is an automatically generated datasheet. All data to be considered as typical values and subject to change without prior notice. Further testing is always recommended.

If you would like to make a suggestion or comment on this datasheet, please send an email to datasheet.mgmt@eu.averydennison.com

Shelf Life

To obtain optimal performance, use this product within one year of the date of manufacture, under storage conditions as defined by FINAT (20-25°C; 40-50%RH). Prolonged storage outside these conditions might reduce the shelf life.

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Warranty

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