

Facestock

A white woodfree, thermal coated paper, with a top and backside protective coating. The black imaging thermosensitive coating provides excellent resistance to moisture, fat, oil, alcohol, etc. Increased tear resistance is provided due to a polypropylene film being laminated onto the reverse of the paper face. The facestock is made with FSC certified pulp (FSC Mix Credit, chain-of-custody number: CU-COC-807907).

| | | |
|-------------------------|----------------------|---------|
| Basis Weight | 105 g/m ² | ISO 536 |
| Caliper | 105 µm | ISO 534 |
| Max Print Speed | 250 mm/sec | |
| Image Density (Typical) | 1.3 odu | |

Adhesive

A general purpose permanent, acrylic based adhesive.

Liner

BG40 white, a supercalendered glassine paper.

| | | |
|--------------|---------------------|---------|
| Basis Weight | 61 g/m ² | ISO 536 |
| Caliper | 54 µm | ISO 534 |

Laminate

| | | |
|---------------|------------|---------|
| Total Caliper | 197 µm±10% | ISO 534 |
|---------------|------------|---------|

Performance data

| | | |
|------------------------|---------------|--------------|
| Initial Tack | 15 N/25mm | FTM 9 Glass |
| Peel Adhesion 90° | 8 N/25mm | FTM 2 St.St. |
| Min. Application Temp. | 0 °C | |
| Service temperature | -20°C to 70°C | |

Adhesive Performance

The adhesive is characterized by a high initial tack, excellent adhesion and good low temperature performance on a wide variety of substrates.

Applications and use

This Direct Thermal product is designed for use in thermal printing systems at printing speeds above 200 mm/sec (based on printer's set up). The main application is use as a luggage tag label for the airline industry.

Note: Continuous exposure to an assortment of chemicals or continuous wet immersion will eventually cause image fading.

Conversion & printing

The product can be converted by all conventional roll conversion technologies including flexographic and UV letter press. 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.

We generally recommend not to pre-print the label area that needs to be thermally printed.

Special Approvals

The adhesive complies with the European food directives and legislations, FDA 175.105 and the German recommendations XIV as published by BfR. BfR (Bundesinstitut für Risikobewertung) is the German Federal Institute for Risk Assessment. The adhesive can be used in direct contact with dry and moist, non fatty foodstuffs.

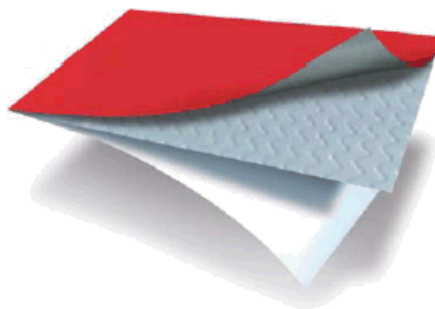
Shelf life

Two years under storage conditions as defined by FINAT (20-25°C; 40-50%RH)

AI613

Fasson ®

BAG TAG TH TOP F8/PP FSC - S2000N-BG40WH



THERMAL TOP F8/PP35 FSC

S2000N

BG40WH

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

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