

### Facestock

A white, woodfree printing paper with a high sensitivity thermal coating providing good image resolution. The facestock is made with FSC certified pulp (FSC Mix Credit, chain-of-custody number: CU-COC-807907).

|                         |                     |         |
|-------------------------|---------------------|---------|
| Basis Weight            | 74 g/m <sup>2</sup> | ISO 536 |
| Caliper                 | 80 µm               | ISO 534 |
| Max Print Speed         | 200 mm/sec          |         |
| Image Density (Typical) | 1.2 odu             |         |

### Adhesive

A general purpose permanent, acrylic based adhesive.

### Liner

BG40 brown, a supercalendered glassine paper.

|              |                     |         |
|--------------|---------------------|---------|
| Basis Weight | 58 g/m <sup>2</sup> | ISO 536 |
| Caliper      | 51 µm               | ISO 534 |

### Laminate

|               |            |         |
|---------------|------------|---------|
| Total Caliper | 146 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 50°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 such typical applications like "cashier weigh" barcode labels printed on instore weighscale equipment, e.g. fruit, veg, deli as well as for any applications where short life or low contamination is common. The image may fade over a period of time if exposed to high humidity, conventional or fluorescent light.

### Conversion & 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.

### Special Approvals

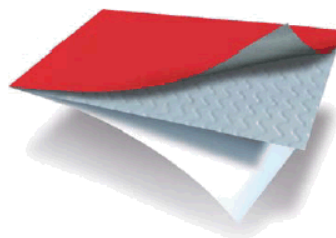
The adhesive complies with the European food directives and legislations, FDA 175.105 and the German recommendations XIV as published by BfR. BfR (Bundesinstitut für Risikobewertung) is the German Federal Institute for Risk Assessment. The adhesive can be used in direct contact with dry and moist, non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

### Shelf life

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

## AF241

**Fasson®**  
**THERMAL ECO K10 FSC -**  
**S2000N-BG40BR**



**THERMAL ECO K10 FSC**

**S2000N**

**BG40BR**

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If you would like to make a suggestion or report a mistake on this datasheet, please send an email to [datasheet.mgmt@eu.averydennison.com](mailto:datasheet.mgmt@eu.averydennison.com)

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