

### Facestock

A white woodfree, thermal coated paper, with a top and backside protective coating. The black imaging thermosensitive coating provides very good resistance to moisture, fat, oil, alcohol, etc. This product is produced without the use of phenols (Phenols free).

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

Basis Weight	75 g/m <sup>2</sup>	ISO 536
Caliper	74 µm	ISO 534
Brightness	>87 %	ISO 2470
CIE-whiteness	>105 %	ISO 11475
Opacity	>86 %	ISO 2471
Tensile MD	>4.7 kN/m	ISO 1924
Tensile CD	>2.3 kN/m	ISO 1924
Tear Strength MD	>325 mN	ISO 1974
Tear Strength CD	>370 mN	ISO 1974
Surface smoothness; Bekk	>1000 s	ISO 5627

### Adhesive

A special purpose permanent, rubber based adhesive for deepfreeze and low temp

### Liner

BG40 white, a supercalendered glassine paper.

Basis Weight	59 g/m <sup>2</sup>	ISO 536
Caliper	53 µm	ISO 534

### Second Adhesive

A special purpose permanent, rubber based adhesive for deepfreeze and low temp

### Second Liner

BG40 brown, supercalendered glassine paper.

Basis Weight	53 g/m <sup>2</sup>	ISO 536
Caliper	46 µm	ISO 534

### Laminate

Total Caliper	202 µm±10%	ISO 534
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### Performance Data

Initial Tack	14 N/25mm	FTM 9 Glass
Peel Adhesion 90°	7.5 N/25mm	FTM 2 St.St.
Min. Application Temp.	-25 °C	
Service Temperature	-50 °C to 70 °C	

### Adhesive Performance

The adhesive is specially designed for use at low temperature and freezer conditions. It features good tack and adhesion to a wide variety of packaging materials, such as paper, cardboard and films, including apolar, curved or irregular substrates. Generally good adhesion performance can even be achieved on slightly frosted surfaces.

### Applications and Use

This product is ideal for applications such as parking tickets, transportation tickets and receipts.

## AE422

## Fasson®

### PB THERMAL TOP S8 PF FSC 2XC2075N-BG40WH/BG40BR



THERMAL TOP S8 PF FSC

C2075N

BG40WH

C2075N

BG40BR



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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](mailto:datasheet.mgmt@eu.averydennison.com)*

**Heat Resistance** - At 90°C the black density of the background image will increase.

- > Test method: exposure @ 80°C for 1hr
  - > Image Density: >1.20 odu
  - > Background Density: <0.20 odu
- > Test method: exposure @ 90°C for 1hr
  - > Image Density: >1.20 odu
  - > Background Density: <0.25 odu

### Conversion and Printing

The product can be converted by all conventional roll conversion technologies including: Letterpress, Offset, Screenprinting, UV flexo and Water-based flexo. This product is also suitable for variable information printing in: Direct thermal printing systems at printing speeds up to 200 mm/sec (based on the printer's set up).

**IMPORTANT NOTES:** Due to the thermographic properties, exposure above 50°C may cause premature imaging or discolouration. Inks containing alcohol or volatile organic solvents may cause discolouration of the thermosensitive coating. It is advisable to test inks and varnishes before conversion.

The special product lay-out could have an influence on conversion speed.

### Compliance and Approvals

The adhesive C2075N is suitable for contact with dry, moist, and non-fatty foodstuffs in this construction. For complete information regarding the food contact compliance status, please contact your local sales representative for a Food Contact Statement.

Adhesive C2075N has attained the one star certification for biobased content according to EN 16640, meaning that C2075N contains certified Biobased Carbon Content of at least 20%. (TÜV AUSTRIA licensee number: S0259)



\*The OK biobased certification is only applicable to the adhesive C2075N.

### 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.

### Avery Dennison Materials Group Europe

Willem Einthovenstraat 11  
2342 BH Oegstgeest  
The Netherlands  
+31 (0)85 000 2000



#### Warranty

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