

### Facestock

A matt white topcoated polyimide film with very high dimensional stability, heat and chemical resistance. The high opacity white topcoat is specifically designed for thermal transfer printing and offers excellent scratch, scuff, UV, high temperature and solvent resistance.

Basis Weight	90 g/m <sup>2</sup>	ISO 536
Caliper	68 µm	ISO 534
Maximum Service Temperature	180 °C	
Maximum Peak Temperature	280 °C	

### Adhesive

S8088 is a high temperature acrylic adhesive.

### Liner

BG50 white, a supercalendered glassine paper.

Basis Weight	80 g/m <sup>2</sup>	ISO 536
Caliper	69 µm	ISO 534

### Laminate

Total Caliper	143 µm±10%	ISO 534
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### Performance data

Initial Tack	5.5 N/25mm	FTM 9 glass
Peel Adhesion 90°	8 N/25mm	FTM 2 st.st.; 24 hrs.

Min. Application Temp.	10 °C
Service temperature	-40°C to 180°C
Maximum Peak Temperature	280 °C
Adhesive Type	Solvent Acrylic
Adhesive weight	27 g/m <sup>2</sup> FTM12

### Adhesive Performance

This adhesive features excellent heat and chemical resistance.

### Applications and use

Polyimide II Matt White is designed to withstand reflow processes regardless if the label is on top or bottom of the board. It can also withstand two cycles of reflow processes when surface mounting elements to both sides of the board. The product is also designed to be used in the wave solder process even when directly exposed to the solder bath. The matt topcoat had been formulated to prevent solder balls forming on top of the label.

S8088 was specially developed for labeling printed circuit boards prior to soldering.

### Conversion & printing

The topcoat is designed for thermal transfer and flexo printing. When used with an appropriate ribbon it will withstand temperature spikes up to +280 °C.

### REACH Compliance

Notification according to Article 33 of the REACH Regulation (SVHC) This article contains the following substance which is included on the candidate list, according to article 59 (1,10) of the REACH registration, in a concentration above 0.1% (w/w): N,N-Dimethylacetamide (CAS No.127-19-5)

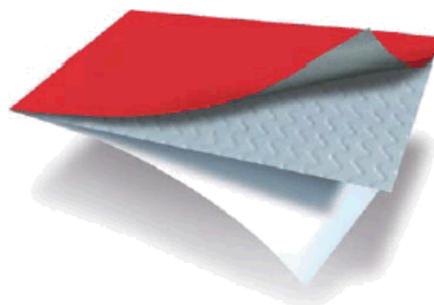
### Shelf life

Two years under storage conditions as defined by FINAT (20-

## BU718

## Fasson®

@POLYIMIDE I MATT GREEN - S8088-BG50WH



POLYIMIDE II MATT WH

S8088

BG50WH

*This is an automatically generated datasheet. All data to be considered as typical values and subject to change without prior notice. The actual front and liner used might influence adhesive values. 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)*

25°C; 40-50%RH)

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#### **Warranty**

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