

#### Facestock

A white polyethylene film with a print-receptive topcoat.

Basis Weight	92 g/m <sup>2</sup>	ISO 536
Caliper	93 µm	ISO 534

#### Adhesive

A special purpose extra permanent, rubber based adhesive.

#### Liner

BG45 white FSC is a supercalendered glassine paper.

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

Basis Weight	71 g/m <sup>2</sup>	ISO 536
Caliper	61 µm	ISO 534

#### Laminate

Total Caliper	177 µm±10%	ISO 534
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#### Performance Data

Initial Tack	20 N/25mm	FTM 9 Glass
Peel Adhesion 90°	12 N/25mm	FTM 2 St.St.
Min. Application Temp.	5 °C	
Service Temperature	-20 °C to 80 °C	

#### Adhesive Performance

S277 is an highly aggressive permanent adhesive with excellent tack and adhesion to a wide variety of substrates including rough and apolar substrates. NB. Due to the nature of the adhesive, a slight yellowing effect of the adhesive may occur over time.

#### Applications and Use

Applications are predominantly in home and personal care, as well as industrial goods. Due to its flexibility the product is especially suitable for squeezable bottles and other flexible containers. A robust film, allowing reliable dispensing of large labels and complex label shapes

#### Conversion and Printing

The modified acrylic based topcoating can be printed by conventional printing techniques including flexo, screen, offset, letterpress, silkscreen, gravure, and hot or cold foiling processes. UV, water-based and solvent-based inks can be used. The topcoat is designed for optimum ink adhesion. On-press corona treatment is not advised. The face material is suitable for Thermal Transfer printing. Exact inks, foils and ribbons should be specified by your ink/foil/ribbon supplier.

#### 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):  
6,6'-di-tert-butyl-2,2'-methylenedi-p-cr (119-47-1)

#### Compliance and Approvals

This material complies with BS 5609, Section two, Marine Immersion Test.

## AF172

### Fasson®

#### PE100 TOP WHITE S277-BG45WH IMP FSC



PE100 TOP WHITE

S277

BG45WH FSC

*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)*

### Shelf Life

To obtain optimal performance, use this product within two years 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.

## Appendix

### Compliance with BS 5609

This material complies with BS 5609, Section two, Marine Immersion Test.

### Thermal Transfer Printing:

#### Printability – Physical Resistance

Ribbon	Settings		Print Quality	ANSI Grade	Scratch resistance	Tape resistance
	speed	energy				
Armor AXR7+	5	20	++	A	++	++
Armor AXR8	5	20	++	A	++	++
DNP R300	5	30	++	A	++	++
DNP R510	5	30	++	A	++	++
DNP R550	5	20	++	A	++	+
limak PM255	5	30	o	A	--	o
limak SP330	5	30	++	A	++	++
Ricoh B110A-X2	5	20	++	A	-	o
Ricoh B120EC	5	30	--	F	++	++
Ricoh B110CR	5	30	++	A	++	++

ANSI (American National Standards Institute) Grade: information about barcode quality

A: excellent B: good C: acceptable D: readable with difficulty

++: excellent +: good o: acceptable -: poor

Tests were performed with the printer Zebra 140X13.

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#### Warranty

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