

Facestock

A white corona treated polyethylene film.

Basis Weight	92 g/m ²	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 ²	ISO 536
Caliper	61 µm	ISO 534

Laminate

Total Caliper	176 µm±10%	ISO 534
---------------	------------	---------

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 corona treated face material 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. On-press corona treatment is recommended for optimal ink adhesion. 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.

AF170

Fasson®

PE100 WHITE
S277-BG45WH IMP FSC



PE100 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

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	20	++	A	++	++
DNP R510	5	30	++	A	++	++
DNP R550	5	30	++	A	++	++
limak PM255	5	30	++	A	--	++
limak SP330	5	30	o	A	++	++
Ricoh B110A-X2	5	20	++	A	-	++
Ricoh B110CR	5	30	++	B	++	++

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 140XI3.

Avery Dennison Materials Group Europe

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



Warranty

All Avery Dennison statements, technical information and recommendations are based on tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison products are sold with the understanding that purchaser has independently determined the suitability of such products for its purposes. All Avery Dennison's products are sold subject to Avery Dennison's general terms and conditions of sale, see <http://terms.europe.averydennison.com>

©2023 Avery Dennison Corporation. All rights reserved. Avery Dennison and all other Avery Dennison brands, this publication, its content, product names and codes are owned by Avery Dennison Corporation. All other brands and product names are trademarks of their respective owners. This publication must not be used, copied or reproduced in whole or in part for any purposes other than marketing by Avery Dennison.