

Facestock

A white polyethylene film with a print-receptive topcoat.

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

Adhesive

S477 is the new generation emulsion acrylic adhesive for oil can applications.

Liner

BG40WH FSC, a supercalandered siliconized white 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	57 g/m ²	ISO 536
Caliper	51 µm	ISO 534

Laminate

Total Caliper	165 µm±10%	ISO 534
---------------	------------	---------

Performance Data

Initial Tack	16 N/25mm	FTM 9 Glass
Peel Adhesion 90°	10 N/25mm	FTM 2 St.St.
Min. Application Temp.	0 °C	
Service Temperature	-20 °C to 80 °C	

Adhesive Performance

S477 is a clear permanent emulsion acrylic adhesive featuring excellent initial tack, adhesion, "wet-out" performance even on apolar surfaces such as HDPE. Improved temperature, water, solvent and chemical resistance.

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

The adhesive S477 has been developed for in-house oil can labelling. For external oil can labelling testing is strongly recommended.

Conversion and Printing

The topcoated film can be printed by conventional and digital printing techniques such as UV flexo, UV Inkjet, screen, offset, letterpress, gravure, letterpress and hot or cold foiling processes. The topcoat is designed for optimal ink adhesion with UV-cured inks, including low migration inks, and is compatible with LED curing systems. The face material is suitable for Thermal Transfer printing. Exact inks, foils and ribbons should be specified by your ink/foil/ribbon supplier. On-press corona treatment is not advised. When applying a heavy ink load, the PE film may become brittle. Contact your ink supplier for advice on suitable, more flexible inks

BB697

Fasson ®

PE100 TOP WHITE S477-BG40WH IMP FSC



PE100 TOP WHITE

S477

BG40WH 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

Compliance and Approvals

The adhesive S477 is suitable for contact with dry, moist, and fatty foodstuffs with a reduction factor of 5 in this construction. For complete information regarding the food contact compliance status, please contact your local sales representative for a Food Contact Statement.

This material complies with BS 5609:1986, Section two, Marine Immersion Test. To comply with BS 5609:1986 Section 3, the specific inks or ribbons have to be evaluated; tests can be performed upon request.

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 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>

©2025 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.