

Facestock

A matt finished metallic polyester film. The smooth surface is covered with a topcoat for excellent ink anchorage.

Basis Weight	33 g/m ²	ISO 536
Caliper	25 µm	ISO 534

Adhesive

S8002 is a permanent acrylic adhesive with good initial tack and high ultimate adhesion onto a variety of substrates including apolar plastics and lacquers.

Liner

Supercalandered white glassine paper. The glassine liner has a low release level.

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

Basis Weight	59 g/m ²	ISO 536
Caliper	53 µm	ISO 534
Transparency	50 %	DIN 53147

Laminate

Total Caliper	100 µm±10%	ISO 534
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Performance Data

Initial Tack	12 N/25mm	FTM 9 Glass
Peel Adhesion 90°	10.5 N/25mm	FTM2 st.st.
Min. Application Temp.	5 °C	
Service Temperature	-40 °C to +150 °C	
Adhesive Coat Weight	27 g/m ²	FTM12
Adhesive Type	Emulsion	
	Acrylic	

Adhesive Performance

S8002 offers good initial tack and high ultimate adhesion onto a variety of substrates including apolar plastics and lacquers, as well as good resistance to solvents and cleaners. The adhesive has high cohesion and can be used for labelling curved or round substrates.

Applications and Use

This material was specially developed for industrial labels and thermal transfer applications. Because of the low caliper of polyester film the material can be used in applications where high flexibility of the face material is needed, for example on curved substrates, as well as in cable label applications.

S8002 is specifically developed for labelling electronic, home appliance and other electrical items due to its good bonding performance on a wide range of polar and apolar surfaces including metals, polycarbonate, ABS and polypropylene.

Conversion and Printing

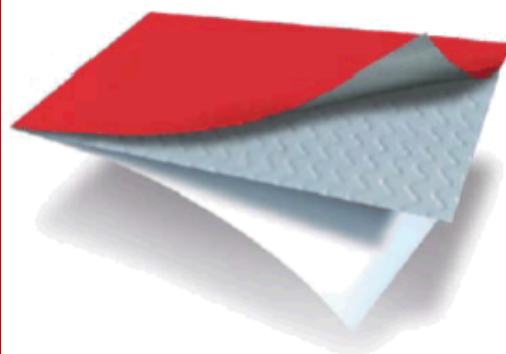
Excellent results can be achieved with thermal transfer printers. For best scratch resistance the use of resin ribbons is recommended.

The product can also be printed by all conventional roll label techniques, including flexo, UV letterpress, silkscreen.

BO322

Fasson ®

TRANSF PET25 MATT CHR TP S8002-BG40WH LR FSC



TRANSF PET25
MATCHR.TOP

S8002

BG40WH LR FSC



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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

Due to the formulation of S8002, enabling good performance on a wide range of substrates, combined with the specific coat weight, this adhesive has a certain risk of oozing. Rotary die cutting and tools optimised for this material are recommended.

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

Performance Data

Note: the following technical data should be considered representative or typical only and should not be used for specification purposes.

Peel Adhesion:

FTM1: 180°, 300 mm/min, dwell time: 48 hours

Surface	N/25mm
ABS	13,0
Aluminium	11,5
Automotive lacquered panels	10,5
Glass	12,0
HDPE	7,5
LDPE	8,0
PA6	10,5
Stainless Steel	15,0

Chemical Resistance:

The performance results are based on 4 hours immersions at room temperature unless otherwise noted. Samples were applied to the test panel and conditioned for 24 hours before immersion and evaluated immediately upon removal. Peel adhesion was measured according to FTM1.

Chemical	Test Substrate	N/25mm	Visual appearance	Edge Penetration
Ad Blue	Aluminium	11,5	No change	0 mm
Biodiesel	Glass	11,0	No change	0 mm
Bioethanol E85	Glass	11,5	No change	2 mm
Brake Fluid	Glass	11,0	No change	0 mm
Diesel	Glass	11,0	No change	0 mm
Engine Oil	Glass	11,5	No change	0 mm
Gasoline	Glass	8,0	No change	3 mm
Heptane	Glass	10,0	No change	3 mm
Water, distilled	Aluminium	7,5	No change	0 mm
All purpose cleaner	Glass	8,5	No change	0 mm
Bathroom cleaner	Glass	9,0	No change	0 mm
Bleach	Glass	7,5	No change	0 mm
Dishwashing detergent	Glass	9,0	No change	0 mm

Chemicals: Ad Blue: Aral, Bioethanol E85: CropEnergies CropPower85, Brake Fluid: DOT 4 Synthetic (One Way)
 Diesel: TOTAL, Engine Oil: TOTAL quartz 700, 10 W 40, Gasoline: TOTAL Euro 95
 All Purpose Cleaner: Sagrotan Sea Breeze (Reckitt Benckiser), Bathroom Cleaner: Cillit Antikalk (Reckitt Benckiser)
 Bleach: Danklorix (Colgate Palmoliv), Dishwashing detergent: Fairy Lemon (Procter& Gamble)

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Warranty

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