

Facestock

A gloss white polyester film. The smooth surface is print treated to achieve good TT printability and ink anchorage.

Basis Weight	71 g/m ²	ISO 536
Caliper	50 µm	ISO 534

Adhesive

S8015 is a high strength permanent acrylic adhesive featuring high initial tack, adhesion and shear.

Liner

BG42 white, 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	63 g/m ²	ISO 536
Caliper	56 µm	ISO 534
Transparency	50 %	DIN 53147

Laminate

Total Caliper	138 µm±10%	ISO 534
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Performance Data

Initial Tack	25 N/25mm	FTM 9 Glass
Peel Adhesion 90°	14 N/25mm	FTM2 st.st.
Min. Application Temp.	7 °C	
Service Temperature	-40 °C to 150 °C	
Adhesive Coat Weight	32 g/m ²	FTM12
Adhesive Type	Solvent Acrylic	

Adhesive Performance

The high tack, high coat weight adhesive S8015 is used for difficult substrates, including low surface energy plastics and coatings. It features high chemical and temperature resistance.

Applications and Use

Transfer PET White PT is specifically developed for Durable Goods labelling. Typical examples are identification and warning labels on electronic devices and household appliances.

This product is used when an adhesive combining high adhesion on difficult substrates combined with high chemical and temperature resistance is required. Typical application areas include labels in the automotive industry.

Conversion and Printing

The glossy, smooth surface is print treated and can be thermal transfer printed, the best results can be obtained with resin ribbons. This product is qualified by EFI Jettron and Durst for UV inkjet printing. It can be printed by all conventional print technologies.

Compliance and Approvals

This product is UL recognized (UL 969). The UL file number is MH27538.

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.

AA668

Fasson ®

TRANSFER PET WHITE PT S8015-BG42WH FSC



TRANSFER PETWH PT

S8015

BG42WH 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

Appendix

UL recognition

This product meets the requirements as stated in UL 969 and is UL recognized for indoor use. The UL file number is MH27538. For specific information on approved conditions, see 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	18,5
Aluminium	17,0
Automotive lacquered panels	18,0
Glass	20,5
HDPE	11,3
LDPE	9,0
PA6	19,0
Stainless Steel	19,0

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	15,8	No change	0 mm
Biodiesel	Glass	19,7	No change	0 mm
Bioethanol E85	Glass	14,7	No change	2 mm
Brake Fluid	Glass	20,0	No change	0 mm
Diesel	Glass	19,2	No change	0 mm
Engine Oil	Glass	19,7	No change	0 mm
Gasoline	Glass	10,2	No change	6 mm
Heptane	Glass	12,5	No change	4 mm
Water, distilled	Aluminium	15,1	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

Appendix

Thermal Transfer Printing:

Printability – Physical Resistance

Flat head printers (tests were performed with the printer Zebra XII 140):

Ribbon	Settings speed energy		Print Quality	ANSI Grade	Scratch resistance	Tape resistance
Armor AXR7+	3	20	++	B	++	++
Dai Nippon R300	4	15	++	A	++	++
Dai Nippon R510	2	20	++	A	++	++
Ricoh B110Cx	3	10	+	A	++	++

Near edge printers (tests were performed with the printer Avery TTX 450 – Near Edge):

Ribbon	Settings	Print Quality	ANSI Grade	Scratch resistance	Tape resistance
Armor AXR 600	4 "/s	o	D	++	o
Armor AXR 800	4 "/s	++	C	++	-
Ricoh B120 E	4 "/s	++	C	++	++

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

Chemical Resistance

The printed samples were wetted on the surface with a soft clean cotton cloth soaked in the test solution by wiping 10 times back and forth with light pressure. After 5 seconds they were dried with a clean dry soft cloth. After 15 minutes the evaluation took place.

	AXR7+	R300	R510	B110Cx	AXR600	AXR800	B120 E
Ad Blue	+	+	+	+	+	+	+
Anti-Freeze	+	+	+	+	+	+	+
Biodiesel	+	+	+	+	-	-	-
Bioethanol E85	-	+	+	-	-	-	-
Brake fluid	-	o	+	+	-	-	-
Cleaner solvent	o	+	+	+	+	+	+
Engine oil	+	+	+	+	-	-	-
Gasoline	-	-	+	-	-	-	-
Hard wax polish	-	o	+	-	-	-	-
Isopropanol	o	+	+	o	-	o	-

+: good (no change) o: acceptable (minor change, still readable) -: poor

Chemicals:

Ad Blue: Aral, Anti-Freeze: Speedfrost "Speedfroil" 1:1 in water, Bioethanol E85: CropEnergies CropPower85

Brake Fluid: DOT 4 Synthetic (One Way), Cleaner Solvent: "Caramba" Cold Cleaner, Engine Oil: TOTAL quartz 700, 10 W 40

Gasoline: TOTAL Euro 95, Hard Wax Polish: „Nigrin“ Hard Wax Polish

Appendix

Compliance Data

UL – Underwriters Laboratories (UL 969, Category PGJ12)

File Number: MH27538, Category PGJ12

This material is UL recognized for indoor use where exposed to high humidity or occasional exposure to water.

Application Surface	Max Temp (°C)	Min Temp (°C)
Acrylic paint	150	-23
Acrylic powder paint	150	-23
Alkyd paint	150	-40
Aluminum	150	-23
Epoxy paint	150	-40
Epoxy powder paint	150	-23
Galvanized steel	150	-40
Polyester paint	150	-23
Polyester powder paint	150	-23
Polyurethane paint	150	-40
Porcelain	150	-40
Stainless steel	150	-40
Unsaturated polyester - thermoset	150	-23
Phenolic - Phenol Formaldehyde	100	-23
Polycarbonate	100	-23
Nylon - Polyamide	80	-23
Polyphenylene oxide/ether	80	-23
Acrylonitrile butadiene styrene	60	-23
Polyethylene	40	-
Polypropylene	40	-
Polystyrene	40	-23
Polyvinylchloride	40	-

The UL certification includes the printing with the following thermal transfer ribbons:

Armor	AXR 600, AXR 7+
Dainippon	R510
Italgrafica	TF335P
Ricoh	B110C, B110CX
Sony Chemicals	TR5075

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