

**BD843****Fasson®  
TRANSFER PET White  
PT16 – S8007 – BG40Wh****A white polyester  
material with a general  
purpose acrylic  
adhesive.****A solution for low  
demanding, price  
sensitive durables  
applications.**

## Key Features

- > White polyester film with good TT printability.
- > General purpose acrylic adhesive.
- > UL recognised label material.

### 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 <sup>2</sup>	ISO 536
Calliper:	50 µm	ISO 534

### Adhesive

S8007 is a general purpose, emulsion acrylic adhesive.

### Liner

BG40 Wh: siliconized glassine paper, wood-free, super calandered and extremely tough and tear-resistant despite its thinness. Without back imprint

Basis weight:	62 g/m <sup>2</sup>	ISO 536
Caliper:	55 µm	ISO 534
Transparency:	47 %	DIN 53147

### Laminate

Total caliper:	124 µm	ISO 534
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### Performance data

Initial Tack:	7,5 N/25mm	FTM 9 glass
Peel Adhesion:	6,8 N/25mm	FTM 2 steel 24 hrs.
Min. application temperature:	+5 °C	
Service temperature:	-40 °C to +120 °C	
Adhesive Type:	Emulsion acrylate	
Coat weight:	19 g/sqm	FTM 12

### Adhesive Performance

S8007 is a clear permanent general purpose adhesive featuring good heat and UV resistance together with good adhesion performance.

### Applications and use

The material Transfer PET white PT 16 - S8007 was developed as a solution for price sensitive, low-demanding Durables applications.

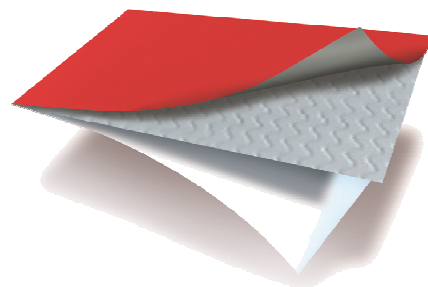
It features good TT printability and chemical resistance. The adhesive is designed for labelling smooth surfaces with a high or medium surface energy like metals or plastics, for example ABS, Polystyrene, Polycarbonate and Nylon.

Nameplates and logistics labels are typical examples.

For special requirements we strongly recommend application tests.

## BD843

### Fasson® TRANSFER PET White PT16 – S8007 – BG40Wh



Transfer PET White PT16	
S8007	
BG40Wh	

**Conversion & printing**

This material is designed for thermal transfer printing; see appendix 1 for ribbon recommendations. For best scratch resistance resin ribbons are recommended.

Specific testing is required.

For easy diecutting sharp corners should be avoided.

**UL and CSA Recognitions**

This product meets the requirements as stated in UL 969 for indoor use. The UL file number is MH27538.

**Shelf life**

Two years under storage conditions as defined by FINAT (20-25 °C; 40-50%RH).

## Appendix 1: 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	9,0
Aluminium	9,0
Automotive lacquered panels	7,5
Glass	10,0
HDPE	3,5
LDPE	2,5
PA6	9,0
Stainless Steel	17,0

### 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 (mm)
Ad Blue	Aluminium	7,8	No change	1
Biodiesel	Glass	9,8	No change	0
Bioethanol E85	Glass	8,6	No change	2
Brake Fluid	Glass	9,6	No change	0
Diesel	Glass	8,8	No change	0
Engine Oil	Glass	9,2	No change	0
Gasoline	Glass	7,3	No change	3
Heptane	Glass	7,0	No change	3
Water, distilled	Aluminium	8,0	No change	3

**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

## 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	30	++	A	++	++
Armor AXR8	3	30	++	A	++	++
DNP R300	3	30	+	A	++	++
DNP R510	3	30	+	A	++	+
limak SP330	3	30	++	A	++	+
ITW B324	4	30	++	A	++	+
Ricoh B110CR	3	30	++	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	5 "/s	+	A	++	o
Armor AXR 800	4 "/s	-	A	+	o
Ricoh B120 E	8 "/s	++	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

### 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+	AXR8	R300	R510	SP330	B324	B110 CR	AXR 600	AXR 800	B120 E
Ad Blue	+	+	+	+	+	+	+	+	+	+
Anti-Freeze	+	+	+	+	+	+	+	+	+	+
Biodiesel	+	+	+	+	o	+	+	-	-	-
Bioethanol E85	-	+	+	+	-	-	+	-	-	-
Brake fluid	-	+	o	+	o	-	+	-	-	-
Cleaner solvent	o	+	o	+	o	-	+	-	-	-
Engine oil	+	+	+	+	+	+	+	-	-	-
Gasoline	-	-	-	o	-	-	-	-	-	-
Hard wax polish	-	+	o	+	o	-	+	-	-	-
Isopropanol	o	+	+	+	o	-	+	-	-	-
Spirit	-	+	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 2:

### Compliance Data

#### UL – Underwriters Laboratories

File Number: MH27538

This material is UL recognized for exposure indoors according to UL969 to high humidity or occasional exposure to water. Details are listed in the UL file MH27538.

Substrate	Minimum Temperature (°C)	Maximum Temperature (°C)
Acrylic paint	-40	+150
Acrylic powder paint	-40	+150
Alkyd paint	-40	+150
Aluminum	-40	+150
Epoxy paint	-40	+150
Epoxy powder paint	-40	+150
Galvanized steel	-40	+150
Polyester powder paint	-40	+150
Polyurethane powder paint	-40	+150
Stainless steel	-40	+150
Acrylonitrile butadiene styrene (ABS)	-40	+100
Glass	-40	+100
Nylon – Polyamide	-40	+100
Polycarbonate	-40	+100
Polybutylene terephthalate (PBT)	-40	+80
Polystyrene (PS)	-40	+80
Polyvinyl chloride (PVC)	-40	+80

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

Armor “AXR-7+”, AXR600”, “AXR800”, DNP “R300”, “R510”, “TR6075”, limak “SP-330”, ITW “B324”, “B325”, Ricoh “B110CR” and “B120E”.

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**Warrenty**

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