



## MagnaPrint® Transfer Bond 40

### Water-based adhesive for foil / flock papers and transfers

MagnaPrint® Transfer Bond 40 is a ready to use adhesive for use in the application of foil and flock papers on to textiles.

MagnaPrint Transfer Bond 40 is a water- based, PVC and Phthalate free adhesive giving excellent wash fastness.

MagnaPrint Transfer Bond 40 applied with foil leaves a very soft handle on the fabric; depending on the amount of adhesive and foil deposited. When applied with flock paper it has excellent flexibility and stretch.

MagnaPrint Transfer Bond 40 is suitable for printing by rotary or screen-printing.

### Application

MagnaPrint Transfer Bond 40 can be printed alone or in combination with other printing products. If used on a multicolour design, MagnaPrint Transfer Bond 40 should be printed in the last position. It is required that an even ink deposit is printed onto the fabric to ensure that there is sufficient adhesive in contact with the foil / flock paper when lamination takes place.

After printing garment / panel should be cured, ideally for 2 minutes at 150°C (300°F).

Foil: Pneumatic heat press at 165°C (330°F) for 10 - 12 seconds pressure 6.  
Flock Papers: Pneumatic heat press at 165°C (330°F) for 10 - 12 seconds pressure 4.

Fabric should be allowed to cool before removing the foil / flock paper. In this manner the release paper is easily removed leaving the coloured lacquer on the printed areas of the fabric.

Avient makes no representations, guarantees, or warranties of any kind with respect to the information contained in this document about its accuracy, suitability for particular applications, or the results obtained or obtainable using the information. Some of the information arises from laboratory work with small-scale equipment which may not provide a reliable indication of performance or properties obtained or obtainable on larger-scale equipment. Values reported as "typical" or stated without a range do not state minimum or maximum properties; consult your sales representative for property ranges and min/max specifications. Processing conditions can cause material properties to shift from the values stated in the information. Avient makes no warranties or guarantees respecting suitability of either Avient's products or the information for your process or end-use application. You have the responsibility to conduct full-scale end-product performance testing to determine suitability in your application, and you assume all risk and liability arising from your use of the information and/or use or handling of any product. AVIENT MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, either with respect to the information or products reflected by the information. This literature shall NOT operate as permission, recommendation, or inducement to practice any patented invention without permission of the patent owner.

### SPECIFICATION



#### FABRIC TYPES

Cotton / Poly Cotton blends



#### MESH

32 - 43T (80 - 110)



#### SQUEEGEE

Medium 65° Shore  
Rectangular



#### STENCIL

Water resistant emulsion



#### CURE TEMPERATURE

2 minutes at 150°C (300°F)



#### PIGMENT LOADING

Up to 6% MagnaPrint®  
Eco Pigments



#### ADDITIVES

Retardant Gel, Crosslinker 100



#### STORAGE

In cool place properly closed:  
>5°C (40°F) <25°C (77°F)



#### HEALTH & SAFETY

MSDS available upon  
request



#### CLEAN UP

Wash off screen using water  
and mild detergent