Screen Colour Systems
Aqua Transfer Adhesive (GT 1773)
Technical Data Sheet

Application
The Aqua Transfer Adhesive has 3 main uses:

1. as a Foil Adhesive
2. as a Flock Adhesive
3. for Appliqué

Finish and Opacity
The adhesive dries to a matt translucent finish. Small amounts of colour can be added to make it more visible.

Mesh
For all applications the more adhesive printed the better the adhesive properties are. Recommended mesh counts are 24 – 34 threads per cm.

Stencils
The recommended direct emulsion is GT2002 Azo Coat T.

Mixing
An extra powder (Adhesive Additive GT 2233/1) can be added to the Aqua Transfer Adhesive which will further increase the wash-fastness and the adhesive properties of the Transfer Adhesive. When adding the powder the printer should bear in mind that too much powder mixed into the adhesive will make it difficult too print.

Printing and Drying
For all applications the Aqua Transfer Adhesive should not be completely cured, but must be dry. It can be air dried given time or run through a conveyer dryer at high speed.

Wash Up
At the end of the print run used screens and squeegees must be cleaned. If you do not clean the mesh straight after printing, reclaiming the mesh may be impossible. We recommend warm water with 5 to 10% of AQ 1003 Degrease Gel to clean both mesh and squeegee.

Standard Packaging and Storage
Aqua Transfer Adhesive is packed in 1 kilo and 5 kilo containers. Aqua Transfer Adhesive will last up to 12 months if kept in sealed containers in cool (min 8ºc) conditions. The Adhesive Additive GT 2233/1 is packed in 1 kilo and 3 kilo containers. The Adhesive Additive has an indefinite shelf life. It should be kept in dry conditions at room temperature.

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Transferring

The Aqua Transfer Adhesive has 3 main uses:

1. **FOIL**: Before applying the Metallic Foil to a fabric, the Aqua Transfer Adhesive has to be screened onto the fabric. The Metallic Foil will then stick to the printed adhesive but peel off the fabric where there is none. The design required is screen printed onto the fabric with the Aqua Transfer Adhesive. Once the print is completely dry the Metallic Foil should be placed over the printed area, coloured side upwards, under a Heat Transfer Press for 5 – 15 seconds at 150 - 175ºC (300 – 350ºF) Printers should test the variables to create their own individual curing schedule. After transferring, the foil must be left to cool before peeling off the backing sheet and excess foil to reveal the foil design.
2. **FLOCK**: Before applying the Flock Transfer Paper to a fabric, the Aqua Transfer Adhesive has to be screened onto the fabric. The Flock will then stick to the adhesive but peel off the fabric where there is none. The design required is screen printed onto the fabric with the Aqua Transfer Adhesive. Once the print is dry the Flock Transfer Paper should be placed over the printed area flock downwards under a Heat Transfer Press for ***?5 – 15 seconds at 150 - 175ºC (300 – 350ºF)?*** Printers should test the variables to create their own individual curing schedule. After transferring the flock paper must be left to cool before peeling off the backing sheet.
3. **APPLIQUE**: Print the Aqua Transfer Adhesive all over the back of the fabric that is to be cut into shapes, then place the cut pieces, adhesive side down, onto the fabric / garment under a Heat Transfer Press for 10 – 15 seconds at 160 - 180ºC (320 - 360ºF) Printers should test the variables to create their own individual curing schedule. After transferring the Appliqué must be left to cool before testing for adhesion.