

INDUSTRIAL WASH HEAT ADHESIVE

PRODUCT INFORMATION

SCREEN ADHESIVE

Water Based

Single pack system

For application onto:

Polyester
Nylon
Cotton Twill
Cotton



List of suitable Screen machines on request.

Substrates to be printed must be tested for suitability with the Adhesive prior to production runs being carried out.

Product Code

82-HA-IW-WB

Water based adhesive which has been specially formulated to produce highly Durable & Washable Industrial grade transfers for Work Wear application. Suitable for use with ECOTRANS® water based 2-pack ink systems only.

**Application to various substrates is dependant on the Heat Adhesive used.
Refer to Heat Adhesive Selection & Application Chart.**

Properties

Good Adhesion & Flexibility on suitable substrates
Excellent Washability & Dry Clean resistances
Washable up to 95°C, No. of cycles 50

Excellent Screen Stability
Non UV curing system

Environmentally responsible products, manufactured in facilities operating to ISO9001 Standards.

Usage

Adhesive should be applied as 2 coats using a **36T - 43T** screen onto final layer of the transfer.

Ensure that the ink film is fully dry before applying the adhesive.

Dry thoroughly between adhesive layers and after second adhesive layer.

When printing is completed, or if printing is interrupted for more than 15 minutes, the screen mesh must be thoroughly cleaned. Failure to clean properly will result in this reactive adhesive permanently damaging the screen.

USE IN WELL VENTILATED AREAS

Application

Temperature °C	Dwell Time secs.	Platen Pressure Bar
190 – 200 (374 – 392 °F)	9 - 12	2

For information: 1Bar = 14.5 psi (lb/in²) = 1.02 kg/cm² = 100000 pascals (Pa) = 1000 hectopascals (hPa) = 1000 millibars (mbar)

INDUSTRIAL WASH HEAT ADHESIVE

PRODUCT INFORMATION

Supplied Supplied as a ready to use single pack system.

Additives Adhesive becomes thick due to drying / evaporation add water
Adhesive dries too fast in the screen &/or small designs add Retarder (82-AD-RE-V2) ↑ 3-5%
↑ 5%

Drying Adhesive should be dried after printing in a drying tunnel at 75°C between layers.
Maximum drying temperature for this adhesive is 80°C.

As customers drying and heat curing equipment can vary from continuous production to batch production techniques, it is essential to ensure that all types of dryer/oven MUST be fully and correctly ventilated with the equipment being supplied with adequate fresh air ventilation, such that effective and full drying/curing can take place.

It is recommended that customers satisfy themselves fully with respect to drying/curing times, temperatures and ventilation of their drying equipment and to ensure that the end products are fully satisfactory before using this product.

Cleaners ECOTRANS® Performance Cleaner **99-10-82** for cleaning Screen.
Available in 25 Litre & 200 Litre pack sizes.
Citrus hand cleaner **99-10-HCC** for cleaning ink off hands. Environmentally friendly & Hypo-Allergenic. Available in 5kg & 15kg pack sizes.

DO NOT PUT CLEANERS INTO INK

Shelf Life Keep containers closed.
Minimum of 12 months. For maximum shelf life store in a cool environment between 10°C (50°F) and 25°C (77°F), out of direct sunlight & away from any heat sources.
Products should be thoroughly mixed prior to use as settling of the adhesive may occur during transportation & storage.

Notes Quality Control tests carried out to PERFECTOS® specifications.
The durability of prints will depend on the whether the inks have been used as a 2-pack ink system, the curing conditions & on the substrate printed.
Screen Emulsion must be suitable for use with water-based screen adhesive
For Screen flat bed printing, it is recommended that a medium (Shore hardness 70-75°) square-edged squeegee.
ECOTRANS® Performance Cleaner **99-10-82** may cause staining on parts which include Aluminium.
For best results leave the finished transfer to stand for 24 hours before applying to garment and a further 24 hours before washing.

MOQ Minimum ordering quantity 5kg. Available as Ex Stock.

Coverage Typical all over coverage of non-absorbent transfer film can range from 55g/ m² to 70g/m².
Coverage is dependant on screen mesh size and hole configuration, the adhesive viscosity and pressure applied to the screen whilst printing.

Safety Refer to the specific PERFECTOS® Safety Data Sheets for information on the safety & handling of this particular range of inks, available on request.



PERFECTOS PRINTING INKS CO LTD
BOTTESFORD
NOTTINGHAM NG13 OEL
ENGLAND

TELEPHONE +44 1949 842179
FAX +44 1949 843493
E-MAIL info@perfectos.co.uk
WEB SITE www.perfectos.co.uk

All information is given in good faith but without warranty expressed or implied. All products are supplied in accordance with our Terms & Conditions of Trading