



## MagnaTrans™ Metallic Silver 877

### Water-based metallic transfer ink

**MagnaTrans™ Metallic Silver 877** is a water-based metallic effect heat transfer ink specially developed for ease of printing through 77-90T mesh screens.

MAGNATRANS Silver 877 ink is supplied single-pack and Fixer separately and should be thoroughly mixed prior to use as settling of the ink may occur during transportation & storage.

The inks are suitable for use on manual, semi-automatic and fully automatic screen printing machines.

Optimum temperature of the printing area is 18-28°C with humidity to be 50-60%rH.

Add 3% MAGNATRANS® Fixer 1% -3% for enhanced durability.

Use anti-foam additive MAGNAPRINT® Deformer (up to 0.5% - 1%) to reduce excessive bubbling caused when mixing.

Use wetting agent MAGNATRANS® Wetting agent (up to 1%) to reduce pinholes occurring when printing.

The 2-pack ink MAGNATRANS® Fixer will **IRREVERSIBLY HARDEN** after mixing. The "pot-life" of the ink will be 5 – 6 hours dependent on temperature and humidity levels.

For maximum opacity, print should be having minimum addition of any additives.

For optimum fastness, prints should be fully heat cured.  
For transfers, allow 24 hours after printing before applying to the garment.

Optimum resistances and full wash resistances will be achieved a minimum of 48 - 72 hours after printing.

When printing is completed, or if printing is interrupted for more than 15 minutes, the screen mesh, screen machinery & equipment used must be thoroughly cleaned to prevent permanent damage.

Drying - 130 °C - 135°C for 60 -75 seconds. Dry each layer after printing.  
Warm room: 135°C for 10 minutes before applying adhesive or Hot melt powder sprinkle.

Mesh:  
Bold colours: 42T - 47T(107/120 threads per inch)  
Fine text: 77T/90T (196/230 threads per inch)

### SPECIFICATION



#### FABRIC TYPES

Cotton, Poly-Cotton Blends, Polyester\*



#### MESH

77 - 90T (196 - 230)



#### SQUEEGEE

70—75° Shore, Square Edge Squeegee



#### CURE TEMPERATURE 1

minute at 130-135°C (266-275°F)



#### PIGMENT LOADING

Up to 6% Eco-Pigments



#### ADDITIVES

MagnaTrans Fixer 3%  
Retardant Gel Conc 5%



#### 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

\* With the use of MagnaTrans Migration Blocker.

All information is given in good faith but without warranty. They do not release you from testing our products as to their suitability for the intended processes and uses.

### SPECIFICATION



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