



## MagnaPrint® Plascharge

### Formaldehyde free discharge system

MagnaPrint® Plascharge is a formaldehyde free discharge underbase / plastisol hybrid ink system and consists of:

**MagnaPrint® Plascharge** - clear discharge underbase for plastisol / high solids or for hybrid printing with plastisol / high Solids.

**Activator M** - discharge activator powder used at 6%

(Shelf life of bases after activation is up to 4-5 hours dependant on room temperature).

### Application

**Underbase:** Mix MagnaPrint® Plascharge with 6% Activator M and leave for 10 minutes to allow the activator to dissolve. Re-mix prior to printing.

**Hybrid:** Mix MagnaPrint® Plascharge with Plastisol (50/50) then add 6% Activator M leave for 10 minutes to allow the activator to dissolve. Re-mix prior to printing.

(Some plastisol inks may be bleached by the activator so check colour stability prior to printing).

Printing is best undertaken using 43 - 77 (110 - 200) mesh screens and rectangular profile squeegee with medium hardness and 65° shore.

When printing MagnaPrint® Plascharge as an underbase, flash the underbase and overprint with plastisols or a high solid water-based wet-on-wet ink. Avoid the use of flash units when printing hybrid Plascharge / plastisol / high solid systems. For best results print wet-on-wet.

Use 3 - 4mm off contact and print one hard stroke. The Plascharge paste or hybrid mixture must penetrate into the fabric. If necessary, reduce squeegee speed and increase pressure.

The resulting print should then be dried and cured for the standard plastisol process route.

### SPECIFICATION



**FABRIC TYPES**  
Cotton / Viscose fabrics



**MESH**  
43 - 77T (110 - 200)



**SQUEEGEE**  
Medium 65° Shore  
Rectangular



**STENCIL**  
Water resistant emulsion



**CURE TEMPERATURE**  
Plastisol curing: 1½ - 2 minutes  
at 160-165° C (320-330°F)



**PIGMENT LOADING**  
Up to 50% plastisol ink



**ADDITIVES**  
Activator M 6%



**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

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.