



MagnaPrint® HB Range

Mock Soft Handle Discharge System

MagnaPrint® HB System is a brand new development from Magna Colours® Ltd.

Due to customers experiencing issues with the poor quality of discharge fabrics, MagnaPrint® HB has been developed as a type of mock discharge system that produces discharge look prints with a soft hand on non discharge fabric. Printed on top of either a Discharge or AquaPlasWhite FF underbase (dependant on fabric).

MagnaPrint® HB system can be printed through high mesh counts – up to 100 (255) mesh for best results, and therefore has a very low ink consumption resulting in soft hand and extremely cost effective prints.

Application

For dark backgrounds print MagnaPrint® HB onto a “flash cured” AquaPlasWhite FF / Discharge underbase.

Printing is best undertaken using 60 - 100 (156-225) mesh screens with rectangular profile squeegees on preheated pallets (70°C / 186°F). Use lower mesh count for underbase or large, fully open areas and higher for top colours or thin lines, fine details and halftones. If printing large areas flash units may be required after each colour. In general flash cure the underbase and overprint colours on top wet on wet. Always use 3-4mm off contact and print top colours in one stroke to achieve a surface print. After printing the garment/panel should be dried and ideally cured for 2 - 2½ min @ 165°C (330°F).

Washing instructions: Auto wash @ 40°C

SPECIFICATION



FABRIC TYPES
Cotton / Poly Cotton blends



MESH
60-100T (156 – 225) Mesh



SQUEEGEE
Medium 65° Shore
Rectangular



STENCIL
Water resistant emulsion



CURE TEMPERATURE
2 - 2½ Minutes at 165°C
(330°F)



PIGMENT LOADING
Up to 9% MagnaPrint® Eco
Pigments



ADDITIVES
Softener TS Conc, Crosslinker
100



STORAGE
In cool place properly closed: >5c
(40F) <25c (77F)



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.



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