

IMS801 DIRECT-TO-GARMENT PRETREAT 1:1 CONCENTRATE

Description

The IMS801 Direct-to-Garment Pretreat 1:1 Concentrate is a water-based product formulated specifically for pre-treatment of cotton dark and light colored garments prior to being digitally printed.

Features

- Superior wash-fastness properties
- Excellent elasticity
- Good handle

Fluid Handling

All personnel mixing and handling these products must wear gloves and eye protection. Clean up all spills immediately. If fluid does come in contact with skin, wipe the fluid off with a clean, dry cloth (do not use solvent or flush solution). Wash the affected area with soap and water. Consult the ImageStar IMS801 Series Material Safety Data Sheet for further instructions and warnings.

Before Use

Dilute with distilled water on a 1:1 ratio, shake the container vigorously to ensure the IMS801 Series DTG Pre-treatment concentrate is mixed thoroughly with the distilled water.

Always shake the container well immediately prior to using or pouring into your pretreatment machine. Allow 5 minutes to settle before priming pre-treatment machines. Failure to shake may result in loss of density or poor image quality. Ensure that the garments are fully dry before printing.

Application

To achieve the best possible results the cotton garment should be pressed prior to pretreating and/or printing which will flatten out the fibers resulting in a smooth finish.

- Apply the ImageStar IMS801 evenly onto the garment, with spray applicator (manual or machine)
- Dry pre-treated item on press or via heat tunnel:
 - Dryer: 180° C/355°F for 40 to 50 seconds
 - Press: 165° C/330°F for 20 to 30 seconds
- Written guidance available on request.

The volume of pre-treatment fluid applied required to achieve optimum results will vary based on the weight and quality of the garment being printed.

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PERFORMANCE

Substrates	Recommended: 100% Cotton Customer testing Recommended: Tri-blends, Cotton/Polyester blends*
Shelf Life	12 months
Storage	Dry, cool place at a temperature of 41° F - 86° F
Operating Temperature	66° F - 80° F
Operating Humidity	Optimum: 40% - 60% (non-condensing) Operational: 30% - 70% (non-condensing)
Validated Equipment	For use in automatic or manual mechanical pretreatment equipment

* Results will vary based on the blend, weight and quality of the garment being printed. Therefore testing is recommended to ensure that the white opacity, color density and wash-resistance levels are as required

ITEM NUMBER	DESCRIPTION	SIZE
IMS801200L	IMS801 1:1 Concentrate	200 Liter
IMS80120L	IMS801 1:1 Concentrate	20 Liter