

®CSC SCREEN PROCESS SUPPLIES SDN. BHD.

No. 14, Jalan Bertam 5, Taman Daya, 81100 Johor Bahru, Johor, Malaysia ¹⁹⁹⁷⁰¹⁰¹⁶⁴⁸⁷
Tel : (+60)7-352 5908, (+60)7-355 2908 Fax : (+60)7-355 5908 ^(431984-A)
Email : sales@cscscreen.com Website : www.cscscreen.com

TECHNICAL DATA SHEET

ENVIROPLUS PUFF BASE

GENERAL INFORMATION

CSC **ENVIROPLUS PUFF BASE** are non-phthalate Plastisol suede which gives of combines a matte finish with a puffing/embossing texture with a high embossing. ENVIROPLUS PUFF BASE can also be used to produce ducco 3D embossing special effects onto garments. ENVIROPLUS PUFF BASE Plastisol has excellent opacity on dark garment. ENVIROPLUS PUFF BASE is supplied ready for print but to obtain good fastness properties, printers are suggested to use ENVIROPLUS PUFF BASE are having common

Plastisol false body as they are in the container, printers should always stir the ink well to determine the actual printing viscosity before using.

TYPE OF FABRICS

Cotton, Cotton/Polyester blends and some polyester.

****ALWAYS PRETEST FASTNESS PROPERTIES BEFORE PRODUCTION****

APPLICATION METHOD

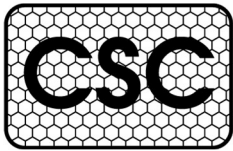
- ENVIROPLUS PUFF BASE works well at a ratio of 1:1 with standard Enviroplus EC White PF or Enviroplus Base.
- Print with a smooth stroke for an even puffing/embossing look and feel.
- Multiple colors of Puff/embossing can be printed wet-on-dry only.
- Always printed Puff/embossing last in sequence of printing as ENVIROPLUS PUFF BASE have rather high pick-up properties and not suitable to be printed wet on wet.
- Always test new designs before production to determine the best printing procedures.

SCREEN MESH AND EMULSION

Print standard colors with 43 to 71 metric (110 to 180) monofilament polyester mesh.

Direct or indirect lacquer proof emulsion is recommended.

Recommend screen tension for printing Suede are within 20 to 35 Newton.



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SQUEEGEE AND TABLE

Squeegee hardness recommended 55 to 65 durometer

Double Bevel rounded edges are recommended for line and dot.

Rounded edge is for big opening area. (Sandwich squeegees are recommended 55/90/55 rounded edge)

INTERMEDIATE FLASHING & CURING TEMPERATURES

ENVIROPLUS PUFF BASE will not air dry. They must be heat cured. These inks will fully cure and withstand repeated washings when the entire ink deposit reaches 150°C. Curing can be accomplished with the use of a conveyer dryer, flash curing unit, or simple infrared heater. Proper curing is extremely important. Poor washability of the print is generally due to under-curing. Intermediate flash curing with IR-Jet air are recommended.

CLEAN-UP

Mineral Spirits (White Spirits) or Organic Plastisol screen cleaner.

PACKING AND STORAGE

Always store ENVIROPLUS PUFF BASE at room temperature. Prolonged exposure to high temperature can make the ink gelling.

INFO: FEB2023