DYNACOAT

TEXTILE DIRECT IMAGING EMULSION

DYNACOAT Textile Direct Imaging Emulsion is a high solids, fast-exposing SBQ emulsion designed for use with computer-to-screen direct exposure systems.

ADVANTAGES

- Compatible with all textile inks including plastisol, water-based, and discharge
- Specifically designed for latest direct laser computer-to-screen and LED exposure systems
- Builds quickly with excellent edge definition and resolution
- Does not "lock in" after treatment with cleaning solvents, making for easy reclaim

USAGE

- For best results, thoroughly degrease mesh with a high quality degreaser such as DYNACHEM Mesh Prep + Degreaser to remove all contaminants and residue.
- Using a high quality scoop coater or coating trough, apply two wet-on-wet coats of prepared emulsion to substrate side of screen, followed by sufficient wet-on-wet coats to squeegee side to build emulsion to desired thickness.
- Dry coated screens in darkness or under safelight conditions. Place in drying rack with substrate side facing down. Allow screens to dry thoroughly before imaging. A temperature of 86 – 104°F (30 – 40°C) with relative humidity of 20 – 35% (50% max) is ideal.
- Expose with ultraviolet light at a wavelength of 350 – 420 nm. While metal halide lamps provide the best exposure, laser or LED imaging will provide excellent results.

PACKAGING INFORMATION

- DYNACOAT Textile Direct Imaging Emulsion is available in 1 gallon packages

SHELF & POT LIFE

- Both storage and pot life are 18 months when stored at 68°F (20°C)
- Emulsion does not become fully humidity resistant until exposure, washout, and drying processes are complete, and will absorb moisture until that point.

PROPERTIES

APPEARANCE / ODOR
Liquid / Characteristic

COLOR
Violet

SOLIDS CONTENT
~42%

FLASH POINT
N/A

TEMPERATURE RANGE
Protect from freezing

AUTOIGNITION TEMPERATURE
750°F (400°C)

SOLUBILITY
Very soluble in water

APPLICATION
Textile

NOTE: All technical information is published without warranty. The results displayed in this Technical Data Sheet are based on laboratory testing. The supplier declines any responsibility for incorrect use of these products which are manufactured and sold for industrial use only.