



Di-Tech - DTS

Metal & Glass Inks
UV

Always test ink on substrate prior to production run. Please refer to the MSDS for safety precautions.

Description: A 100 % solids UV curable ink system comprised of oligomers, monomers, and initiators. It is designed for use on glass, stainless steel, aluminum and other metal substrates. It is well suited for second surface glass decorating. Di-Tech is abrasion resistant and can be top coated, if necessary, with conventional or UV curable coatings.

Qualities:

- Semi and High Gloss
- Adhesion to Difficult Substrates
- Tough/Durable
- Low Shrinkage During Curing
- Abrasion Resistant
- Ease of Application

Substrates:

- Glass
- Unprimed Stainless steel
- Aluminum
- Other Metal Substrates

Stencil: Use a Lacquer Proof or Direct Emulsion Film, Photographic, or Water-soluble Hand-cut Stencils

Coverage: 2,500-4,000 sq/ft. per gallon depending on ink deposit

Screen: 330 to 490 Mesh recommended for most applications. May require a post-bake of 1 minute at 400 F.

Cure Parameters: The curing cycle depends on the UV reactor being used. Di-Tech works well when cured with one 300 watt/inch medium pressure mercury vapor bulb at a speed of 30 - 70 fpm.

Additives: DTS-50 Flow Additive, DTS-94 Thinner, and DTS 98 Adhesion Promoter

Cleaner: DTS-96 Screen Wash

Storage: Store tightly shut in a cool, dry, and dark place for minimum shelf life for 6-12 months.

Sizes: 1 Gallon, 2 Gallon Pail, 5 Gallon Pail

If our current line of colors, finishes, or textures does not meet your needs-
Contact us today about tailoring a product for you!

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