



## Di-Tech (DTS)

100 % Solids UV Inks

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

**Description:** DTS series is a 100 percent solids UV curable ink system. It is well suited for second surface glass decorating. It is also abrasion resistant and can be top coated, if necessary, with conventional or UV curable coatings. This UV curable series are available both pigmented and clears.

**Qualities:**

- Semi and High Gloss
- Adhesion to Difficult Substrates
- Tough/Durable
- Low Shrinkage During Curing
- Excellent 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 maximum shelf life for 6-12 months.

**Sizes:** Gallon, 5 Gallon Pail, 30 Gallon Drum, 55 Gallon Drum

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