



Di-Tech

DTS

Metal & Glass Inks
Screen Ink
UV

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

Description: Deco-Chem's Di-Tech series is a 100 % solids UV curable ink system composed of oligomers, monomers, and initiators. It is designed for use on glass, stainless steel, aluminum and other metal substrates. It is well suited for first- and second-surface glass decorating. Di-Tech is abrasion resistant and can be top coated, if necessary, with air dry or UV curable coatings.

- Features:**
- 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:** 305-490 mesh recommended for most applications.
- Cure Parameters:** The DTS series cures when exposed to one medium pressure mercury vapor lamp at 300w/in 50fpm. Pretests are recommended to determine the highest processing speeds possible for complete cure.
- Post Cure:** In some instances, a heat-bump[®] by a conventional thermal oven (30 seconds to 1 minute at 400°F) or infrared radiation after exposure will improve the chemical strength of the DTS inks.
- Additives:** DCA221 Flow Additive, DCA077 Thinner and DCA237 Adhesion Promoter
- Cleaner:** DTS96 Wash-Up
- Storage:** Ink should be stored in a black polyethylene container at room temperature (75°F). Inks previously used for printing runs should be stored in a separate container to avoid cross contamination. Ink has a minimum shelf life of 6 months from date of manufacture if the above guidelines are followed and there has been nothing added to the ink.
- Sizes:** 1, 2, or 5 Gallon Pails Available

Contact us today for a current product list and about customizing an ink's look, feel or texture just for you.

The information and recommendations contained in this product information sheet, as well as technical advice otherwise given by representatives of our Company, whether verbally or in writing, are based on present knowledge and believed to be accurate. Information is based on technical data which the Seller believes to be reliable, and are intended for use by persons having skill and knowledge, at their own discretion and risk. Seller assumes no responsibility for results obtained or damages incurred from their use by Buyer in whole or in part. Such recommendations, technical advice, or services are not to be taken as a license to operate under or intended to suggest infringement of any existing patent. Company policy of continuous product improvement may change the information contained in this product information sheet. Users are requested to ensure that they follow current recommendations.