



Urethane - URE

Two-Part Urethane
CONVENTIONAL

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

Description: The URE Series is a two-component urethane designed as a multi-purpose ink. The cured ink has excellent flexibility and chemical resistance. The URE Series has withstood 26 washing machine cycles without cracking, loss of color, or adhesion. This system was developed as a high solids coating for VOC compliance.

- Qualities:**
- Gloss
 - Excellent Opacity
 - Excellent flexibility
 - Excellent Adhesion
 - Chemical Resistant
 - VOC Compliance
- Substrates:**
- Nylon
 - Melamine
 - Plastic
 - Metals
 - Fiberglass
 - Rubberized Polyolefins
 - Canvas

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

Coverage: 1,000-1,200 sq/ft. per gallon depending on ink deposit

Screen: 200 to 390 mesh recommended for most applications. 150 to 200 mesh for textiles.

Mixing: Use conversion chart for proper ratios. When 1880 catalyst is not in use, the container should be tightly closed and kept in a cool, dry place.

Pot Life: After mixing the 2 components, the average pot life is about 2 hours at normal room temperature (72 F).

Cure Parameters: Urethane-2 will air dry at normal room temperature (72 F) in 8 to 12 hours for handling. It also can be heat cured at 300 f for 3 minutes affect a 90 percent cure after which a full cure will be realized in 24 to 36 hours.

Additives: URE-94 Thinner and URE-95 Retarder

Cleaner: Deco-Chem 96 special wash

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

Sizes: 1 Gallon, 5 Gallon Pail, 30 Gallon Drum, 55 Gallon Drum

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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