



Polygon

POL

High Solids Baking Ink

Screen Ink

CONVENTIONAL

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

Description: POL series is a very high solids ink and does not dry out in the screen. It is the best choice for low solvent loss and the finest in environmentally safe products. POL series is a new class of polyester polymers that when baked, yields a durable weatherable film that can be screen printed and/or roll/coil coated.

- Features:**
- Excellent Flexibility
 - Does Not Dry Up Easily
 - Appliance Approved
 - Chemical Resistant
 - Excellent Gloss
 - Low VOC
- Substrates:**
- Metals
 - Glass
 - Anodized Aluminum
 - Unprimed Aluminum
 - Primed Aluminum
 - Stainless Steel
 - Brass

Stencil: Use a lacquer proof or direct emulsion film, photographic, or water-soluble hand-cut stencil.

Coverage: 1,200-1,500 sq/ft. per gallon depending on ink deposit

Screen: 305 to 420 mesh recommended for most applications.

Cure Parameters: Baking temperatures may vary depending on ink deposit, placement of parts in the oven and equipment. Pretests are recommended prior to production run.

- 250°F for 25 minutes
- 275°F for 15 minutes
- 300°F for 10 minutes
- 350°F for 8 minutes
- 400°F for 4 minutes
- 450°F for 3 minutes

Additives: POL31 and POL49 Flow Additives, POL94 Thinner and POL95 Retarder

Cleaner: POL96 Screen Wash

Storage: Ink should be stored in a metal can 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 and 5 Gallon Pails or 30 and 50 Gallon Drums 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.