DECO • CHEM INCORPORATED

Technical Data Sheet

Polyon

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
- Primed Aluminum
- Glass
- Stainless Steel
- Anodized Aluminum
- Brass
- Unprimed Aluminum

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.

© Deco-Chem, Inc.
3502 North Home Street
Mishawaka, IN 46545

574.259-3787 • 800.348.7191
Fax 574.258.4865
www.decochem.com