



Polyon (POL)

High Solids Bake Inks

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

Description: POL series is very high in solids. It does not dry in the screen. It is best choice for low solvent loss. It is also 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 roll/coil coated.

Qualities:

- Excellent flexibility
- Not Dry in Screen Overnight
- Appliance Approved
- Excellent Chemical Resistant
- Excellent Gloss
- Low VOC

Substrates:

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

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

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

Screen: 305 to 508 mesh recommended for most applications.

Cure Parameters: Bake only at

- 240 F for 45 minutes
- 275 F for 30 minutes
- 300 F for 30 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: 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

Related Products:

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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