

# Pad Printing Ink

## Type PG

### Ink Data Sheet

**NOTE:** Read Material Safety Data Sheet (MSDS) Prior To Use

**Ink Type PG** is a single-component product supplied in paste form. Thinner ( if needed ) should be thoroughly mixed with the ink prior to using. During printing, the ink viscosity may be adjusted with thinner (if needed). A retarder may be added to slow drying rate during printing (normally for high room temperatures or multi-color use). Recommended room temperature: 70-78 degrees F. Recommended room humidity 30-50 %

**ADDITIVES:** (See Additives Chart for more listings)

**Thinners:**

THINNER B (5 to 20 % by weight) Faster (Recommended for most applications)

VD THINNER (5 To 20 % by weight) Medium

THINNER BGA (5 To 20 % by weight) Slower

**Retarder:**

TPD RETARDER (1 To 3 % by weight)

**DRYING & CURING:**

Ink TYPE PG dries to the touch within 15 – 30 seconds at room temperature. Drying time may be reduced with forced hot air at 200 – 400 degrees F. Normally, full cure is achieved after two to three days depending on curing temperature time; and humidity. Heat curing is necessary for better adhesion and performance results.

**USE & STORAGE INFORMATION**

(For more detailed information see Material Safety Data Sheet (MSDS) for Type PG Ink.

**Ink Type PG:**

Stir ink thoroughly before removing from container. Reseal lid tightly after using.

Warranty Period: Two years from ship date (In original sealed container)

**THINNER:** Reseal lid tightly after using.

Warranty Period: Two years from ship date (In original sealed container)

**RETARDER:** Reseal lid tightly after using.

Warranty Period: Two years from ship date (In original sealed container)

**STORAGE OF ALL PRODUCTS:** At room temperature 60 to 80 Degrees F with low humidity.

**AVAILABLE COLORS:** (See Color Availability Chart )

**Ink Type PG is available in:** 23 Standard Opaque Colors, Standard Metallic Colors, Process colors, Custom Colors Available Upon Request, C-Mix 2000 Color Matching System

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#### Recommended Printing Substrates for the PG ink line:

##### THERMOPLASTICS

- Acrylonitrile-Butadiene-Styrene
- Polymethyl Methacrylate
- Cellulose Acetate Butyrate
- Polycarbonate
- Polystyrene
- Polyvinyl Chloride Plasticized
- Polyvinyl Chloride Rigid
- Styrene-Acrylonitrile
- Styrene-Butadiene
- Miscellaneous Thermoplastics

##### METALS

- Anodized Metal
- Brass

##### MISCELLANEOUS SUBSTRATES

- Paper

##### FLEXIBLE PLASTICS

- Urethane, Flexible
- Miscellaneous Flexible Plastics

##### COATINGS & PAINTS

- Miscellaneous Coatings & Paints

##### OTHERS

- Acrylic Sheets & Molding Powders
- Acrylic
- Polycarbonate / ABS

**\*\*Since operating conditions and applications are beyond our control, Trans Tech can not guarantee results, nor assume liability for any problem that may arise.**

**The user should test the suitability of the product for its intended application. No warranty for results obtained, expressed or implied, can be assumed by Trans Tech.**



#### Trusted Partner for Your Product Decorating Needs

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