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## Functional Inks' 2600-Series UV Screen Ink for Plastic

Functional Inks 2600-Series UV Ink has been developed for direct screen printing on plastic. This ink exhibits exceptional adhesion, alcohol resistance and scratch resistance when printed and properly cured on ABS, Acrylic, Polycarbonate, PETG, Polystyrene, and HIPS.

### User Information:

**Mesh:** 260-420 tpi monofilament polyester mesh.

**Stencil:** Use direct emulsion or capillary films that are solvent and UV compatible.

**Squeegee:** 70-90 durometer polyurethane

### Printing:

2600-series UV Screen ink for plastic substrates is formulated to be press ready after thoroughly mixing the ink. Maintain a working temperature between 65 and 90 degrees F for best print and curing performance. Cover the ink when not in use and protect the ink and screen from stray sources of UV light (sunlight, Fluorescent bulbs etc.).

**Curing Parameters:** For best results use an Iron or Gallium doped bulb to maximize through-cure, especially when using the coarsest mesh.

**Mixing Clear:** Use 2601 mixing clear to reduce the density of colors or as a clear base for specialty additives such as metallic powders.

**Overprint Clear:** Use 2621 Overprint clear to provide surface protection and outdoor durability.

**Storage:** Store the ink in tightly closed containers between 65-80F (18-26C). Ink taken from press should not be returned to the original container to avoid contamination of unused ink.