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## 121-13

### PAD PRINTABLE, BLUE, MARKING INK

**DESCRIPTION:** 121-13 is a blue pigmented, one component, pad printable, marking ink/coating for application by pad printing, dipping and syringe dispensing. The product is designed as a marking ink for a variety of substrates including certain grades of Teflon tubing. The 121-13 can be applied then dried per the schedule below. The ink can also be dried then fired on to Teflon tubing. The resin system of the 121-13 is designed to burn off at elevated temperatures, leaving only the pigment. After the resin system is burnt off, the ink can be fired per the schedule below, fusing the pigment to the Teflon substrate.

#### TYPICAL PROPERTIES:

Viscosity (cps)	4,000-6,000
Color	Blue
Hydrolytic Stability	Excellent
Useful Temperature Range (°C)	-55°C to 300

**SUGGESTED HANDLING & CURING:** Prior to use, be certain to mix well to re-suspend pigment. Further thinning may be accomplished by adding small amounts of CMI thinners # 113-39(fast drying), 114-20(slow drying) and/or 114-28(medium drying rate). Best properties are achieved when dried at room temperature followed by ramping the oven at 10°C per minute to 360°C then held at 360°C-for 1 hour. 121-13 will dry at temperatures ranging from 25°C to 150°C. End user is advised to experimentally determine temperature and time best suited for individual applications.

**STORAGE:** Shelf life: 1 month at 25°C; or 3 months at 5°C; or 1 year at -10°C.

**SAFETY & HANDLING:** Use with adequate ventilation. Keep away from sparks and open flames. Avoid prolonged contact with skin and breathing of vapors. Wash with soap and water to remove from skin.