



# TECHNICAL

# #150

**BULLETIN**

## Rubber Base Inks

Gans rubber base inks have been formulated specifically for the duplicator, small press market.

**Integrated Dampening:**

To cope with the stringent demands of the integrated dampening systems used on duplicator presses, these inks have a high body and tack. This property permits trouble-free running and avoids emulsification related problems.

**Drying:**

Rubber base inks should be used with absorbent uncoated, machine-glazed and bond papers only, as the drying mechanism is by stock penetration only. These inks offer rapid setting, yet retain excellent stay-open properties. Plastic, acetate, mylar and similar impervious substrates should not be printed with rubber base inks. The use of Gans Hard Dry Inks is recommended for these types of stocks (see Technical Bulletin #132). In addition, the use of Gans Bengal Inks and metal plates is recommended for coated substrates.

**Plates:**

The formulation of Gans rubber base inks has been optimized for use with metal plates. When using photo direct or electrostatic plates, Gans Polyacrylic inks should be used (see Technical Bulletins #182).

**Availability:**

A full range of colors, including #29995 black, is available with the exception of metallic and fluorescent inks.

A standard range of 9 PANTONE® mixing colors, plus neutral black and tint base, has been formulated and is available in a Gans mixing set to enable the experienced printer to mix his own color matches using the basic color book system. All Gans Presidential color chart inks are also available.

<u>Ink #</u>	<u>Description</u>	<u>Tack</u>
Various	Rubber Base	18-20

All tack readings are @ 1200 rpm, 1 minute, 90° Fahrenheit – T.A. Inkometer. A softer bodied, lower tack Double Rubber Base is also available (see Technical Bulletin #109).

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