



MT Mastertech™

Water-Based Metallic Printing Inks

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Product Overview

Mastertech is a water-based metallic printing ink. These inks are based off aluminum or bronze metals. Mastertech is a shear stable ink that is designed to print on doctor-bladed presses. Mastertech metallic can be cut at press side with straight water or a water/alcohol blend or small amounts of specific slow solvents.

Technical Data

- **Defoamer:** Use ADD-X729 at 1/10% to 1/2% added slowly while mixing
- **pH:** 7.70 - 8.90 (Never add ammonia or pH stabilizers to this ink as they react with the metal pigments.)
- Extenders available. Contact sales representative or lab for correct part number
- **Average Particle Size:** Less than 4.0 microns
- We can ship DE specifications to meet the most stringent customer demands.
- **Handling and Safety Precautions:**
Provide sufficient ventilation when using product. Keep lids vented and closed when not being used. Use wear resistant gloves such as neoprene, nitrile rubber or butyl rubber. Wearing chemical splash goggles in compliance with OSHA regulations is advised. Never add ammonia, pH adjuster or any type of amine to the metallic inks, gassing could occur and cause harm if added.

Physical Characteristics

- Designed for clean flexo printing.
- Excellent color strength and stability
- Excellent resolubility allows for clean running.
- Designed for high press speeds.
- Formulated for both surface and reverse applications.
- Excellent scuff resistance

Colors Available

Mastertech inks are formulated to have a maximum pigment load while maintaining a low consistent viscosity. Mastertech is available in a full color palette of standard of Pantone® approved metallic colors. We can ship DE specifications to meet the most stringent customer demands.

For technical assistance, call 1-979-778-1538.

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