



# Metabond (MBI)

Polyester Inks

Always test ink on substrate prior to production run. Please refer to the MSDS for safety precautions.

**Description:** MBI series is a new class of decorating ink originating from a polyester backbone which is blended with a high quality durable cross-linker. This blend of "High Tech" formulating combines with the best in available raw materials to yield "MBI series," the ink with excellent weatherability, chemical resistance, gloss, abrasion resistance, and ease of printing.

**Qualities:**

- Excellent Gloss
- Excellent Flexibility
- Exterior Durability
- Excellent Abrasion Resistant
- Excellent Chemical Resistant
- Appliance Approved

**Substrates:**

- Glass
- Metals
- Anodized Aluminum
- Stainless Steel

**Stencil:** Use a Lacquer Proof or Direct Emulsion Film, Photographic, or Water-soluble Hand-cut Stencils

**Coverage:** 1,200-1,500 sq/ft. per gallon depending on ink deposit

**Screen:** 230 to 390 Mesh recommended for most applications.

**Cure Parameters:** Bake only at 240 F for 30 minutes.  
275 F for 15 minutes  
300 F for 10 minutes  
350 F for 5.2 minutes  
400 F for 2.4 minutes  
450 F for 1 minute

**Additives:** MBI31 and MBI49 Flow Agent, MBI94 Thinner, and MBI95 Retarder

**Cleaner:** MBI96 Screen Wash

**Storage:** Store tightly shut in a cool, dry, and dark place for maximum shelf life for 6-12 months.

**Sizes:** Gallon, 5 Gallon Pail, 30 Gallon Drum, 55 Gallon Drum

**Related Products:**

If our current line of colors, finishes, or textures does not meet your needs-  
Contact us today about tailoring a product for you!

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