



# Autobond - ATB

Quick Bake Urethane  
**CONVENTIONAL**

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

**Description:** Autobond is a class of very high solid polymers that, when baked, yields a very tough, weatherable ink film which can be screen printed or roll coated. When pigmented, the mixture will contain smaller amounts of solvent in certain colors, thereby drastically reducing the VOC's (Volatile Organic Compounds). This blend of "High Tech" formulating combined with the best in available raw materials yields, "Autobond."

- Qualities:**
- Low VOC
  - Exterior Durability
  - Automotive Exterior Grade
  - Chemical Resistant
  - Glossy
  - Formable
- Substrates:**
- Various Metals
  - Anodized Aluminum
  - Steel
  - Mill Finish Aluminum
  - Stainless Steel
  - Powder Coated Metal
  - Primed Aluminum
  - Epoxy or Vinyl-Sized Aluminum

**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 mesh for best opacity. 390 mesh for best line definition.

**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:** ATB-31 and ATB-49 Flow Agent, ATB-94 Thinner, and ATB-95 Retarder

**Cleaner:** ATB-96 Screen Wash

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

**Sizes:** 1 Gallon, 5 Gallon Pail, 30 Gallon Drum, 55 Gallon Drum

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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