



GRANBOND GOLD 103

Pigmented Heat Seal Adhesive

GranBond Gold 103 is an acrylic based metallized ink dispersed in a vinyl acetate ethylene copolymer emulsion. GranBond Gold 103 is specially designed to bond PET film and paper through either a wet (inline) or dry (offline) lamination process.

Performance Attributes

- Eliminate the Two Step Process by Combining Color and Adhesive into One System
- Sharp Metallic Gold Appearance
- Bond Strength Produces Fiber Tear
- Low Foaming

Recommended Applications:

- ❖ Packaging & Film
- ❖ Decorative Products

Coating Method:

- ❖ Rotogravure
- ❖ Wire Rod

Compatible Substrates:

- ❖ PET
- ❖ Paper

PHYSICAL PROPERTIES†

Appearance	Gold Liquid
Solids, % Non-Volatile	46 - 50
pH	7.0 - 8.5
Density (lbs./gal.)	8.67
Viscosity, cps (#3 @100rpm)	250 - 500
Ionic Nature	Anionic
%, VOC by weight	<2.0
Shelf Life	6 - 12 months

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Technical Guide

APPLICATION*	
Coating Method	Direct Gravure
Curing, Web Temperature	180°F - 250°F
Wet Film Thickness	0.27 Mils
Dry Coat Weight (#/3000ft²)	2.057
GSM	3.35
Heat Seal Temperature	130°F - 140°F

* Press settings must be optimized by end user. Information enclosed within is only to be consider a suggested starting point.

† Technical specifications and physical properties are qualified using standard in-house substrates and laboratory equipment. All results must be confirmed by the end user and are not guaranteed to be repeatable.

STORAGE & HANDLING:

Standard Personal Protection Equipment should be used when handling this material including gloves and safety goggles. Avoid contact with skin or eyes and do not ingest. Use with adequate ventilation and avoid prolonged inhalation of the vapors. Refer to Safety Data Sheet for complete safety information. Product must be kept in a sealed container. **Always mix prior to use.**

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