

**INSTANT BONDER GEL**

**Technical Data Sheet**

**GENERAL INFORMATION:** SAF-T-LOK cyanoacrylate adhesives are a specialized series of single component, solvent free liquids and gels that are individually formulated for instant bonding of mated metal, plastic, rubber and other non-porous parts and assemblies. **INSTANT BONDER GEL** now permits application without product migration as well as bonding through larger gaps and bonding of porous surfaces with the aid of SAF-T-LOK Accelerator.

Instant Bonder adhesives cure at room temperature without pressure to provide exceedingly high bond strengths. Cure is catalyzed by weak alkaline materials including trace amounts of moisture on the surface of parts to be bonded. Shrinkage is negligible because Instant Bonder adhesives contain 100% reactive materials. Solvent resistance is very good.

**PRODUCT DESCRIPTION:** IB GEL was developed to provide gap filling capability and to reduce product migration for specific bonding requirements of engineered substrates.

Viscosity	50,000 cps
Gap Fill	0.015 in.
Tensile Strength	4000 psi
Impact Strength	3-5 (ft-lb/in <sup>2</sup> )

Larger bond line gaps result in somewhat slower cure and lower bond strength. Accelerator is used to double the gap filling capabilities of this product. **IB GEL** is packaged in 20 gram. Instant Bonder adhesive should be kept in a cool, dry location. For best results, store in a refrigerator at 35° to 40°F. Exposure to sunlight is to be avoided.

**PRODUCT CHARACTERISTICS:**

Color	Colorless/Transparent
Solids Content	100%
Solvent Content	Zero
Specific Gravity	1.05
Refractive Index	1.45 + .03 (Similar to glass)
Flash Point (SETA)	185°F
Shelf Life	Approximately 1 year when stored in a dark, dry location in the Temperature Range of -60°F - +60°F

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IMPORTANT NOTICE: All statements and technical data contained herein are based on tests we believe to be reliable, but the accuracy of completeness thereof is not guaranteed. It is recommended that the buyer test this product to determine its suitability for his application before use. SAF-T-LOK Corporation is not responsible for loss, claim or damages resulting from use of its products.

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