

Super Glue 1420

GENERAL INFORMATION: SUR-LOK Super Glues are a specialized series of single component, solvent free liquids that are individually formulated for instant bonding of mated metal, plastic, rubber and other non-porous parts and assemblies.

Super Glues 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 Super Glues contain 100% reactive materials. Solvent resistance is very good.

PRODUCT DESCRIPTION: *SUR-LOK Super Glue 1420* ethyl cyanoacrylate was developed to provide a low viscosity for wicking into close fitting bonding substrates. Super Glue should be kept in a cool, dry location. Shelf life is one year when stored in a refrigerator at 35° to 40°F. Exposure to sunlight is to be avoided.



UNCURED PROPERTIES

Gap Fill (in)	0.002
Tensile Strength (psi)	4700
Impact Strength (psi)	7-14

PERFORMANCE CHARACTERISTICS (liquid)

Base	Ethyl Cyanoacrylate
Color	Colorless/Transparent
Solids Content	100%
Solvent Content	Zero
Specific Gravity	1.05
Refractive Index	1.45 + .03 (Similar to glass)
Flash Point (SETA)	176°F
Viscosity (cps)	20

Resistance Qualities

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| (1) Temperature | Optimum bonding performance is within the range of -114 to 180°F. |
| (2) Water | Unaffected for several weeks. |
| (3) Oils | Good resistance to motor oils. |
| (4) Dilute Acids/Alkali | Generally good, though prolonged immersion can decrease adhesive strength. |

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. SUR-LOK CORPORATION is not responsible for loss, claim or damages resulting from use of its products.