



## Black 3000 Cyanoacrylate Adhesive

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### LIQUID PROPERTIES

Ester Base cyanoacrylate	ethyl-2-
Appearance	Black liquid
Flashpoint	>81°C
Density	1.05
Shelf Life unopened	6 months,
Viscosity (Brookfield) @ 25°C (Spindle 1, 20rpm)	3000 cP

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### POLYMER PROPERTIES

Appearance	Black resin
Softening Point	160°C
Full Cure Time	24 hours
Solubility acetone	DMF, acetonitrile,

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### CURED PERFORMANCE

	<i>Cure Speed</i>	
Balsa / Balsa		10-30 seconds
Nitrile / Nitrile		<15 seconds
Neoprene / Neoprene		<15 seconds
EPDM / EPDM		<20 seconds
Steel / Steel		10-30 seconds
Polycarbonate / Polycarbonate		20-50 seconds
	<i>Shear Strength</i>	
Grit Blasted Steel		>20 N/mm <sup>2</sup>
Etched Aluminium		>12 N/mm <sup>2</sup>
Nitrile Rubber		>5 N/mm <sup>2</sup>
	<i>Tensile Strength</i>	
Grit Blasted Steel		>18 N/mm <sup>2</sup>
Nitrile Rubber		>5 N/mm <sup>2</sup>
Neoprene Rubber		>5 N/mm <sup>2</sup>

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### PRODUCT STORAGE

Adhesive R&D cyanoacrylates should ideally be stored in original sealed containers until used. Containers should be stored between 10°C and 22°C; avoid exposure to strong light and heat sources. Refrigeration prolongs shelf life.

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### DISCLAIMER

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