

**CA-TRON GEL** GEL CYANOACRYLATE ADHESIVE

● PRODUCT DESCRIPTION

Adhetron CA-TRON GEL instant cyanoacrylate adhesive is a fast curing and high viscosity product with excellent gap filling properties. CA-TRON GEL is suitable for plastics, rubber, metals, poorly mating components and porous surfaces. Product can be used on vertical surfaces as it will not flow and drip.

● CURING PROPERTIES

Reaching strength of 0.1 N/mm <sup>2</sup> , ISO 4587	
Balsa Wood	<5 Seconds
Nitrile Rubber	<5 Seconds
EPDM	<7 Seconds
Neoprene	<5 Seconds
Steel (Degreased)	25 – 35 Seconds
Polycarbonate	10 – 25 Seconds
Full Cure Time	24 Hours

● UNCURED PROPERTIES

Base	Ethyl – 2 – Cyanoacrylate Monomer
Appearance	Opaque, gel
Viscosity (Brookfield)	80000 – 120000 cPs
Flash Point	>81°C
Density	1.05 g/cm <sup>3</sup>

● CURED PROPERTIES

Temperature Resistance (°C)	-65 to +100
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Lap Shear Strength in Accordance With ISO 4587	
Steel (Grit Blasted)	>15 N/mm <sup>2</sup>
Aluminium (Grit Blasted)	>10 N/mm <sup>2</sup>
Polycarbonate	>6 N/mm <sup>2</sup>
Nitrile Rubber	>10 N/mm <sup>2</sup>
Tensile Strength in Accordance With ASTM D 412 [B]	
Steel (Grit Blasted)	>18 N/mm <sup>2</sup>
Nitrile Rubber	>5 N/mm <sup>2</sup>
EPDM	>2.5 N/mm <sup>2</sup>
Neoprene	>5 N/mm <sup>2</sup>

