

Cyanoacrylates

This comprehensive range of cyanoacrylates contains Ethyl, Methyl and Butyl based products, which essentially bond a huge array of different substrates. The base monomers are of European origin and endure a rigorous quality approval system before they are accepted into our range.

A cyanoacrylate is a single part adhesive which, when pressed between two surfaces, will react and form a rigid thermoplastic, thus bonding the two materials together. Cyanoacrylates will adhere to a huge range of different substrates and are available in many different thicknesses, ranging from a thin liquid, up to a thick paste or gel.



Cyanoacrylate adhesives are normally made from a base ester or chemical compound, which in its pure state will react and polymerize when in contact with water or moisture. As there is moisture and water in the air we need to control this reaction by making the ester only react when we want it to. This is done by adding a weak acid which stabilizes and prevents polymerization.

However, when the adhesive comes into contact with a surface, any moisture or water present on the surface will neutralize the acidic stabilizer. Once the stabilizer is neutralized the cyanoacrylate ester is free to polymerize and curing begins.

Options

Code	Available Sizes	Description	Category	Colour	Viscosity (cPA)	Max Gap Fill	Temp. Range	Fix Time
GB01	20g, 50g, 250g, 500g	General Purpose	Ethyl	Clear	90-120	0.127mm	-50 to 90° C	15 secs
GB06	20g, 50g, 250g, 500g	Surface Insensitive	Ethyl	Clear	20	0.101mm	-50 to 90° C	15 secs
GB16	20g, 50g, 250g, 500g	Gap Filling	Ethyl	Clear	1500	0.203mm	-50 to 90° C	30 secs
GB44	20g, 50g, 250g, 500g	Surface Insensitive Thixotropic Gel	Ethyl	Clear	Thixo Gel	0.254mm	-50 to 90° C	30 secs
GB80	20g, 50g, 250g, 500g	Rubber Toughened	Ethyl	Black	300	0.100mm	-50 to 90° C	N/A
GB95	20g, 50g, 250g, 500g	General Purpose	Ethyl	Clear	45	0.101mm	-50 to 90° C	20 secs

Our ADL Cyanoacrylate Adhesives ergonomic 20 gram and 50 gram pin cap HDPE bottles are designed for easy manual application. The caps have an integral pin which keeps adhesive flow open and unrestricted. Our cyanoacrylates are also available in 250 gram and 500 gram HDPE bottles for pressure pot and automated application. We supply a full range of automatic, semi-automatic and manual dispensing systems and components compatible with our range of cyanoacrylate adhesives.



Please call us on Freephone **0800 094 9058** for quotes or to arrange a sample product. Email sales@gluebond.com for a price list.