STRENGTH, SPEED, RELIABILITY

RITE-LOK™

Cyanocrylate Adhesives

RITE-LOK™ cyanoacrylates are high specification, single component adhesives. Fast and easy to use, these adhesives are solvent free and exhibit high tensile and shear strengths. RITE-LOK™ cyanoacrylates bond a wide variety of substrates and can be easily dispensed using manual or automated equipment.

The RITE-LOK™ range of cyanoacrylates are proven to bond metal, plastic, wood, ceramic, rubber, and composite.

- High performance ethyl cyanoacrylates
- High temperature resistant grades
- Surface insensitive formulations
- Rubber toughened adhesives
- Low odour and low bloom formulations
- Speciality plastic and rubber bonding formulations
- Thixotropic gel cyanoacrylate adhesives
- Adhesives for porous substrates

Ethyl Cyanoacrylates

Multi-purpose formulations for:

- Component assembly
- Maintenance
- Repair
- Versatile range capable of bonding a wide range of substrates

Low Odour Cyanoacrylates

- Low blooming – whitening of joint area is eliminated
- For cosmetically critical applications
- Reduced requirement for ventilation

Metal Bonding Cyanoacrylates

- High strength instant bonds for metals
- Available in high viscosity allowing excellent gap fill

High Temperature Cyanoacrylates

- For demanding applications where higher temperature resistance is required
- Used in the manufacture of loudspeakers, electronics and under the bonnet applications in the automotive industry

Rubber Toughened Cyanoacrylates

- Gives superior resistance to impact, vibration, high stress, temperature and humidity
- Excellent peel and shear strength
- Available in black and white

Surface Insensitive Cyanoacrylates

- Bonds porous and acidic substrates
- Fast and even cures under conditions of low humidity
- Cures where conventional cyanoacrylates fail

Plastic and Rubber Cyanoacrylates

- Gives exceptional performance on plastics and rubbers
- Gives high performance results on difficult to bond substrates such as polyethylene and polypropylene, when used in conjunction with RITE-LOK™ AC77 primer
- Superior performance on PVC, ABS and Nylon
- Approved for use on medical devices

Super Fast Cyanoacrylates

- Instant adhesive for difficult to bond substrates, particularly porous substrates

Extra Fast Cyanoacrylates

- Latest generation formulation shown to provide extremely rapid bonding across a wide range of substrates

Product	Product Grade	Appearance/ Color	Gap fill (mm)	Chemical Type/ Base	Viscosity cPs	Constant Temperature Range	Typical Fixture Time (Seconds)	Full Cure	Specific Gravity g/cm³
Ethyl Cyanoacrylate	EC5	Clear	0,05	Ethyl	5	-50°C to +80°C	5 - 15	24 hours	1,06
	Application / Areas: Very low viscosity formulation. General purpose bonding of most plastics, rubbers, metals and other common substrates. Recommended for use on assemblies with very close fitting parts and smooth, even surfaces.								
	EC40	Clear	0,10	Ethyl	40	-50°C to +80°C	10 - 30	24 hours	1,06
	Application / Areas: Multi purpose. Fast curing on rubber, plastics and many other materials								
	EC100	Clear	0,15	Ethyl	100	-50°C to +80°C	10 - 40	24 hours	1,06
	Application / Areas: Medium viscosity grade for general pupose bonding								
	EC1500	Clear	0,20	Ethyl	1500	-50°C to +80°C	20 - 60	24 hours	1,08
	Application / Areas: High viscosity formula. For bonding porous materials or applications where gap filling is required								
	EC2500	Clear	0,20	Ethyl	2500	-50°C to +80°C	20 - 60	24 hours	1,06
	Application / Areas: Suitable for vertical applications. Extra high viscosity. For bonding porous materials or applications where gap filling is required								
High Temperature	HT100	Clear	0,15	Ethyl	100	-50°C to +105°C	15 - 40	24 hours	1,06
	Application / Areas: General Purpose with superior temperature resistance up to 105°								
Low Odour	LO5	Clear	0,05	Alkoxyethyl	5	-50°C to +70°C	5 - 60	24 hours	1,05
	LO100	Clear	0,15	Alkoxyethyl	100	-50°C to +70°C	10 - 60	24 hours	1,06
	Application / Areas: Low odour, low blooming. Higher viscosity adhesive for use in odour sensitive areas.								
	LO1000	Clear	0,20	Alkoxyethyl	1000	-50°C to +70°C	20 - 70	24 hours	1,08
	Application / Areas: High viscosity adhesive for use in applications where increased gap fill is required or sophisticated ventilation is not available.								
Metal Bonding	LS5	Clear liquid	0,05	Modified Ethyl	4	-50°C to +70°C	<5	24hours	1,05
	Application / Areas: Designed for very low strength bonding to provide temporary fixture of parts, e.g. during detailed placement or processing operations (cutting, polishing, etching). LS5 will bond most metals, glass and some plastics.								
	MC40	Clear	0,10	Modified Ethyl	40	-50°C to +80°C	3 - 25	24 hours	1,06
	Application / Areas: Multi-purpose designed for instant bonding to metals.								
	MC100	Clear	0,15	Modified Ethyl	100	-50°C to +80°C	5 - 20	24 hours	1,06
	Application / Areas: Multi-purpose metal bonding applications								
	MC1500	Clear	0,20	Modified Ethyl	1500	-50°C to +80°C	5 - 60	24 hours	1,08
	Application / Areas: For bonding metals where some gap filling is required.e.g. Wire mesh bonding to aluminium frame								
Plastic and Rubber	PR5	Clear	0,05	Ethyl	5	-50°C to +80°C	1 - 10	24 hours	1,05
	Application / Areas: Designed for optimum performance and instant bonding on a range of plastics and rubbers.								
	PR20	Clear	0,10	Ethyl	20	-50°C to +80°C	2 - 20	24 hours	1,06
	Application / Areas: Low viscosity adhesive for enhanced plastic and rubber bonding								
	PR40	Clear	0,10	Ethyl	40	-50°C to +80°C	3 - 20	24 hours	1,06
	Application / Areas: Maximum performance on difficult to bond rubbers and plastics.								
	PR100	Clear	0,15	Ethyl	100	-50°C to +80°C	10 - 30	24 hours	1,06
	Application / Areas: Fast cure speed and high strength on EPDM rubber and other elastromers.								
	PR600	Clear	0,15	Ethyl	600	-50°C to +80°C	4 - 25	24 hours	1,07
	Application / Areas: Gap filling and fast cure speed.								
	PR1500	Clear	0,20	Ethyl	1500	-50°C to +80°C	20 - 100	24 hours	1,08
	Application / Areas: Multi purpose with gap filling properties. Gives high strength bonds and impact resistance on EPDM rubber.								
	Note: The PR grades have USP Class 6 approval for use on medical devices								
Rubber Toughened	RT300B	Black	0,20	Modified Ethyl	600	-50°C to +150°C	5 - 50	24 hours	1,10
	Application / Areas: Rubber toughened adhesive giving better resistance to impact, humidity and high temperature than standard cyanoacrylate adhesives. Fills gaps and resists vibration								
	RT3500B/W	Black or White	0,20	Modified Ethyl	5000-10000	-50°C to +105°C	20 - 90	24 hours	1,10
	Application / Areas: High viscosity rubber toughened adhesive giving better resistance to impact, humidity and high temperature than standard cyanoacrylate adhesives. Fills gaps and resists vibration								
Surface Intensive	SI40	Clear	0,10	Ethyl	40	-50°C to +80°C	2 - 20	24 hours	1,06
	Application / Areas: Extensive range of substrates, including difficult to bond rubbers								
	SI100	Clear	0,15	Ethyl	100	-50°C to +80°C	3 - 20	24 hours	1,06
	Application / Areas: Wood, cardboard and leather. Automotive interior trim/dash board and leather trim								
	SI1500	Clear	0,20	Ethyl	1500	-50°C to +80°C	5 - 60	24 hours	1,08
	Application / Areas: Bonds wood, cardboard, leather and porous surfaces such as foam rubber								
	SIGel	Clear Gel	0,50	Ethyl	50 - 90,000	-50°C to +80°C	3 - 60	24 hours	1,10
	Application / Areas: High strength general purpose bonding of most metals, wood, card, plastics, rubbers, leather, fabrics and other common substrates								
Super Fast	SF5	Clear	0,05	Ethyl	3	-50°C to +80°C	1 - 20	24 hours	1,04
	Application / Areas: Specially formulated for bonding difficult to bond surfaces and pre-assembled parts rapidly.								
	SF20	Clear	0,10	Ethyl	20	-50°C to +80°C	3 - 30	24 hours	1,06
	Application / Areas: High speed bonding of plastics, rubber and other common substrates								
	SF100	Clear	0,15	Ethyl	90	-50°C to +80°C	3 - 30	24 hours	1,06
	Application / Areas: Rapid bonding of rubbers, metals, ceramics and plastics.								
	SF600	Clear	0,20	Ethyl	600	-50°C to +80°C	3 - 30	24 hours	1,07
	Application / Areas: Wide range of materials including acidic surfaces and some porous substrates where a degree of gap filling is required								
Extra Fast	XF100	Clear	0,15	Ethyl	110	-50°C to +80°C	1 - 30	24 hours	1,06
	Application / Areas: Extremely rapid adhesive for bonding a wide range of substrates including wood, plastic, rubber, ceramics, etc. Ideal for applications where rapid production is required.								

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