



flash[®]
glue

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Chemence Inc., The Chemistry of Excellence

Chemence is a primary manufacturer of specialty adhesives and sealants for the industrial and consumer markets. Adhesive production and packaging facilities are located in the UK and the USA.

We additionally manufacture liquid photopolymer for use in flexographic printing, anaerobic and cementacious grouts for gas mains and service systems, as well as vacuum impregnation resins for cast sealing.

Chemence's foundations are built on strong technology and a global supply infrastructure managed and maintained by a highly skilled workforce. Our primary objective is to provide chemical solutions and a level of service that surpass customer expectations.

Chemence Research

Considerable investment in research and development ensures Chemence chemistry remains at the forefront of technology.

Our technical departments are responsible for ensuring that the needs of both new and existing customers are fully satisfied. Technical data sheets, material safety data sheets, application specific technical literature, new product development and performance testing are routinely handled.

Chemence recognizes that quality is of the utmost importance and is accredited to the international standards ISO9001:2008.





Flash Glue® CA 5 Thin has a water-thin viscosity that wicks deep into joints by capillary action and cures in a matter of a few seconds. Surfaces to be bonded must be tight fitting and should be held together while you apply the CA around the edges of the seam.

Applications: High performance wicking and bonding of close-fitting parts including: balsa wood, plastic, rubber, metal, leather, fabric and composites. Substrates can be bonded to themselves or in various combinations.

Useful Hints/Notes: Bond time is extremely fast, align parts prior to assembly.

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| Available Sizes: | 10 gm carded (Item# 99901) 1 oz carded (Item# 99902) 2 oz carded (Item# 99903) |
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Flash Glue® Gap CA+ 200 Medium is a higher viscosity CA for loose fitting joints in which the adhesive must bridge gaps. Normally, the thicker CA is applied to one surface and then the parts are held tightly together for about 5 to 15 seconds.

Applications: Fast cure, general purpose cyanoacrylate used for bonding: plastic, rubber, metal, wood, leather, fabric and composites. Substrates can be bonded to themselves or in various combinations.

Useful Hints/Notes: Bond time is extremely fast, align parts prior to assembly.

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| Available Sizes: | 5 gm carded (Item# 99905) 10 gm carded (Item# 99906) 1 oz carded (Item# 99907) 2 oz carded (Item# 99908) |
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Flash® Slow CA- 1000 Thick is the best gap filling thick viscosity CA for slower set times, so applications can be adjusted.

Applications: Developed for the bonding of porous materials. Features include versatile bonding of most elastomers, metals and plastics.

Useful Hints/Notes: On elastomer bonding and some plastics, residues or release agents on surface should be removed by solvent wipe.

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| Available Sizes: | 10 gm carded (Item# 99910) 1 oz carded (Item# 99911) 2 oz carded (Item# 99912) |
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Flash Glue® Odorless CA+ 100 and CA- 1000 Foam Safe is formulated for use by anyone sensitive to or allergic to standard CAs. Use is recommended when sufficient ventilation is not possible.

Applications: Typically used where cosmetic requirements indicate the need of a near invisible bond without the problem of blooming. It can also be used on certain foams. This is a user friendly product due to the low odor characteristics.

Useful Hints/Notes: Bonding can be immediate, so careful, speedy alignment of parts can be required. Be sure to always test on your substrate before use to assure compatibility and remember less is more when applying.

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| Odorless CA+ 100 Available Sizes: | 10 gm carded (Item# 99916) 20 gm carded (Item# 99917) | Odorless CA- 1000 Available Sizes: | 10 gm carded (Item# 99919) 20 gm carded (Item# 99920) |
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Flash Glue® Super XF5 & XF100 Super Strong Formula is a formulation that is among the fastest, strongest and highest quality ever available. XF is formulated for tough to bond substrates.

Applications: High performance bonding of close-fitting parts including: plastic, rubber, metal, wood, leather, fabric and composites to themselves or in various combinations.

Useful Hints/Notes: Bond time is extremely fast, align parts prior to assembly. Also for locking parts that are pre-assembled.

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| Super XF5 Available Sizes: | 1 oz carded (Item# 99923) | Super XF100 Available Sizes: | 1 oz carded (Item# 99924) |
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Flash Glue® Slow Plasti-Flex CA+ 100 will display excellent peel/impact strength and is well suited for applications involving vibration, thermal shock, temperature cycling and high humidity.

Applications: Specially formulated to provide more flexible bonds than standard cyanoacrylates. This product can be used up to 105°C and has intermittent temperature resistance up to 125°C. It can be used to bond a wide variety of substrates including metals, plastics, rubbers, etc.

Useful Hints/Notes: Plasti-Flex CA+ 100 may be removed from most substrates and parts disassembled, with Thunder™ CA Remover. Note that it is not possible to fully remove cyanoacrylate from fabrics.

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| Available Sizes: | 1 oz carded (Item# 99922) |
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Flash Glue® MULTI-PURPOSE BONDING KIT is a two part ten second bond adhesive system.

Applications: Apply the adhesive to most substrates, then spray the activator and place together for a strong permanent bond. The kit comes with a thin, medium and thick formula.

Useful Hints/Notes: Bond time is extremely fast. Align parts prior to assembly.

Available Sizes: Kit - 1 oz thin (Item# 99915)
1 oz medium
1 oz thick
22 mL Activator

Flash Glue® MULTI-PURPOSE WOOD BONDING KIT is a two part ten second bond adhesive.

Applications: Apply the adhesive to most substrates, then spray the activator and place together for a strong permanent bond. Bonds wood in seconds!

Useful Hints/Notes: Bond time is extremely fast. Align parts prior to assembly.

Available Sizes: Kit - 1 oz cyanoacrylate
2 oz Activator
carded (Item# 99914)

Flash Glue® Super SI GEL is a cyanoacrylate gel that is extremely thick and comes in a tube for easy application.

Applications: It can be applied to a vertical surface and will stay where you apply it. It will not run or drip.

Useful Hints/Notes: Flash Glue® Super SI GEL is convenient for assembly applications. It can be applied at any angle with just a squeeze of the tube.

Available Sizes: 20 gm Tube carded (Item# 99925)



Flash Glue® Red High Strength Threadlocker is a single component, high strength (permanent) anaerobic threadlocker. It cures when confined in the absence of air between close-fitting metal surfaces.

Flash Glue® Blue Medium Strength Threadlocker is a general purpose, medium strength, thixotropic anaerobic threadlocker. It cures when confined in the absence of air on close-fitting metal surfaces.

Flash Glue® Purple Low Strength Threadlocker is a general purpose, thixotropic anaerobic threadlocker. It cures when confined in the absence of air on close-fitting metal surfaces.

Flash Glue® High Strength Retaining Compound is a single part, low viscosity, fast curing anaerobic resin used for bonding rigid assemblies of all types. It can also be used effectively to increase the strength of most mechanical assemblies.

Flash Glue® BOLT™ Multi-Purpose Adhesive is a high strength adhesive that works on the widest variety of surfaces. Outstanding bond on fabric and wood. Also good for metal, paper, some plastics and other porous surfaces.

Available Sizes: 1 oz tube carded (Item# 99943)

Available Sizes: 5 gm carded
Brush-On Bottle
(Item# 99930)

Available Sizes: 5 gm carded
Brush-On Bottle
(Item# 99931)

Available Sizes: 5 gm carded
Brush-On Bottle
(Item# 99929)

Available Sizes: 5 gm carded
Brush-On Bottle
(Item# 99932)



BOLT™ 5 Min Epoxy contains one 2 oz. bottle of resin and one 2 oz. bottle of hardener. Epoxy has the advantage of quick setting even in small amounts at low temperatures.

Applications: Great at bonding wood and nearly all other types of materials. It achieves its great strength as a result of a chemical reaction when mixed with the hardening agent.

Available Sizes: (2) 2 oz Bottles (Item# 99935)
4 oz Kit with Mixing Cups & Sticks (2 each)
(2) 4 oz Bottles (Item# 99936)
8 oz Kit with Mixing Cups & Sticks (4 each)

BOLT™ 15 Min Epoxy contains one 2 oz. bottle of resin and one 2 oz. bottle of hardener. Epoxy has the advantage of quick setting even in small amounts at low temperatures.

Applications: Great at bonding wood and nearly all other types of materials. It achieves its great strength as a result of a chemical reaction when mixed with the hardening agent.

Available Sizes: (2) 2 oz Bottles (Item# 99937)
4 oz Kit with Mixing Cups & Sticks (2 each)
(2) 4 oz Bottles (Item# 99938)
8 oz Kit with Mixing Cups & Sticks (4 each)

BOLT™ 30 Min Epoxy contains one 2 oz. bottle of resin and one 2 oz. bottle of hardener. Epoxy has the advantage of quick setting even in small amounts at low temperatures.

Applications: Great at bonding wood and nearly all other types of materials. It achieves its great strength as a result of a chemical reaction when mixed with the hardening agent.

Available Sizes: (2) 2 oz Bottles (Item# 99939)
4 oz Kit with Mixing Cups & Sticks (2 each)
(2) 4 oz Bottles (Item# 99940)
8 oz Kit with Mixing Cups & Sticks (4 each)

BOLT™ 20 Min Finishing Resin is a premium light weight two part epoxy laminating/finishing type resin.

Applications: For fiber-glassing the center section of a wing or the entire airplane.

Available Sizes: (2) 4 oz Bottles (Item# 99942)
8 oz Kit with Mixing Cups & Sticks (4 each)



LIGHTNING™ CA ACTIVATOR FOAM SAFE FORMULA is a mild "foam safe" accelerator compatible with an array of cyanoacrylates. It will not attack foam, expanded polystyrene, styrofoam and plastic. It will cause CA glue to cure rapidly and will not generate heat or cause the glue to pop, crust, or turn white. Performs exceptionally on any surface that you use cyanoacrylate adhesives with.

Available Sizes: 2 oz Pump (Item# 99926)
8 oz Pump (Item# 99927)

LIGHTNING™ POLY PRIMER ADHESION PROMOTER is engineered to effectively remove contaminants and increase the cure speed of Flash Glue® cyanoacrylate adhesives. The effectiveness of LIGHTNING™ POLY PRIMER is dependable in a number of difficult applications particularly when bonding polyolefins such as polyethylene or polypropylene.

Available Sizes: 2 oz Pump (Item# 99928)



THUNDER™ CA Remover is specially formulated for Flash Glue® Adhesives. It is a clear liquid with a relatively low evaporation rate that attacks and dissolves cured or uncured instant cyanoacrylates.

Applications: Can be used to debond misaligned parts or clean up excess adhesive. It is also useful for removing spilled adhesives from work areas. Debonds cyanoacrylate from bonded skin.

Available Sizes: 1 oz carded Precision Applicator (Item# 99944)



Epoxy Mixing Cups and Sticks are excellent for perfectly mixing your Flash Glue® BOLT™ Epoxy resin! Convenient pack of twenty mixing cups and stir sticks that accessorize the Flash Glue® Epoxy line.

Available Sizes: 20 Pack (Item# 99934)



CA Extender Tips are used with Flash Glue® cyanoacrylate adhesives. Slip the extender tip over the CA nozzle for a finer application of Flash Glue® CAs. This allows for a more controlled application to confined areas.

Available Sizes: 10 Pack (Item# 99933)