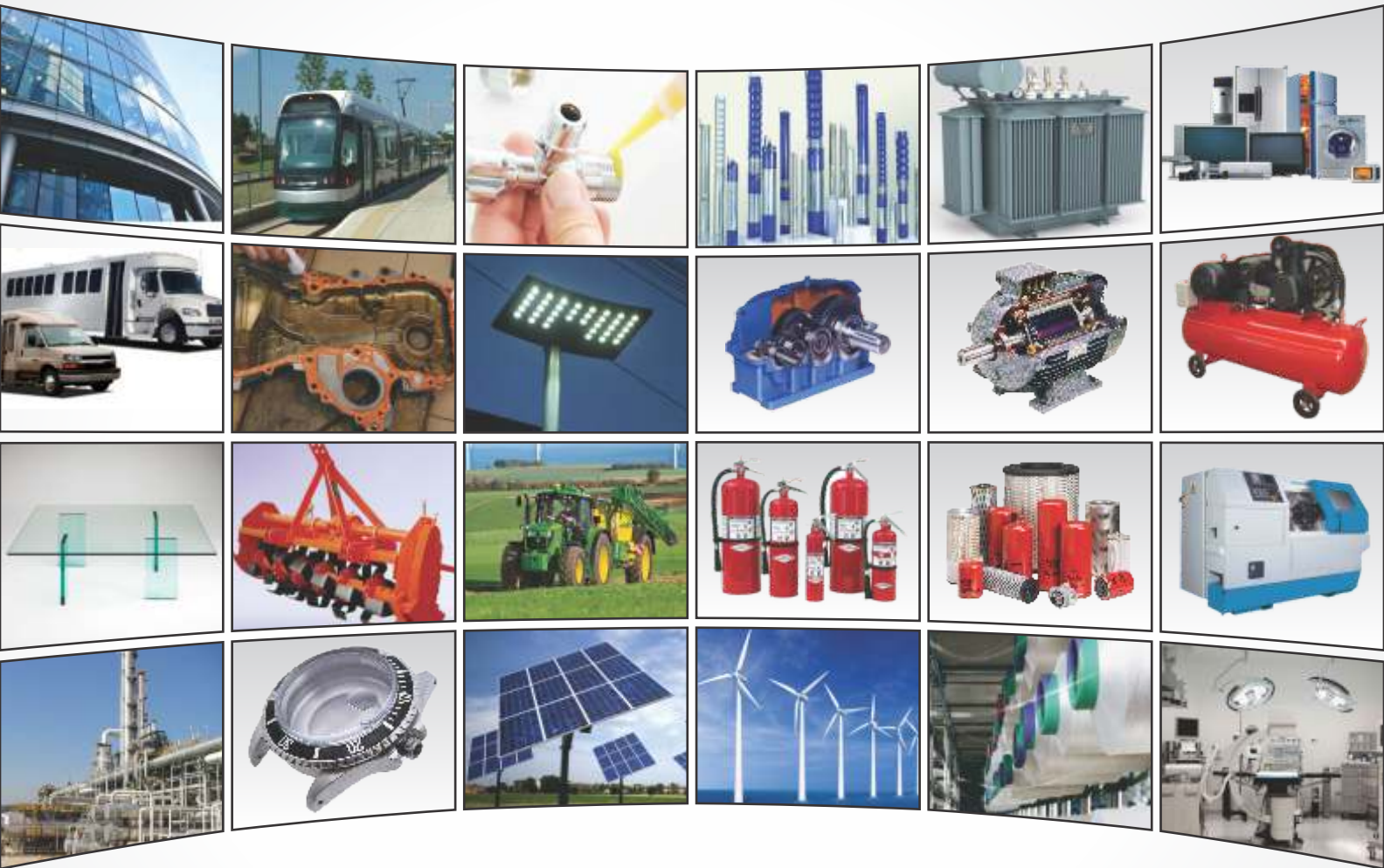


ADHESIVE SELECTION GUIDE



About Us

In today's world, Adhesives play a very important & critical role in overall assembly & maintenance of machines. Adhesives have not only improved the productivity & reliability but also have reduced the dependence on **mechanical methods** like **keyways, interference fits, gaskets, rivets, nyloc nuts** etc. More and more designers now prefer various engineering adhesives. **Fasto adhesives**, manufactured under **stringent quality norms**, not only **works with designers** to select right adhesives, but also **works with production teams** to use them in best way. With large **pool of information**, gathered over past **20 years**, Fasto ensures **highest reliability of every equipment** bonded & sealed by their adhesives. Today, Fasto adhesives is working with manufacturers of Gear Box, Pumps, Compressors, Transformers, Motors, Switchgears, Automotives, Electronic Goods, Construction Machines & many more and **provides them knowledge based solutions**.

Advantages of Adhesives:

Fasto Adhesives offer many advantages over binding techniques such as sewing, mechanical fastening, thermal bonding, etc. These include the ability to bind different materials together, to distribute stress more efficiently across the joint, the cost effectiveness of an easily mechanized process, an improvement in aesthetic design, and increased design flexibility.

The biggest challenge in front of designers & production team is to **select and use right adhesives**.

We are very keen to work with you also. Please call, to know more about us.



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Threadlockers



Why Threadlockers?

Threadlocking products prevent self-loosening and secure any threaded fastener against vibration and shock loads. They are easy-flowing liquids or semi-solid adhesives which completely fill the gaps between mating threads. When Used to assemble threaded fasteners, Fasto threadlockers permanently secure threaded assemblies and eliminate Fretting corrosion by creating a unitized assembly.

Advantages of Fasto Threadlockers:

- Prevent unwanted movement, loosening, leaks, and corrosion
- Resist vibration
- Clean and easy to apply
- Can be used on all sizes of fasteners
- Seal threads – allow through-hole tapping

Product	Features	Description	Fastener Size	Cure Time (handling / Full)	Breakaway / Prevailing Torque	Temp. Resist.	Pack Size*
			(inch)	(min./hrs)	(N-m)	(°c)	
Fasto A122	High Performance Low Strength	Fasto A122 is low-strength thread locking adhesive that can be used for adjustment screws, countersunk head screws and set screws on collars, pulleys, tool holders and controllers.	Up to 1 / 4	10 / 24	13 / 9	-50 to 150	50 ml 250 ml
Fasto A143	Medium Strength Oil Tolerant	Fasto A143 is fast curing thread locking adhesive that prevents loosening of fasteners on vibrating parts such as pumps, motors, gear boxes and machine tools. These are removable with hand tools.	Up to 3 / 4	15 / 24	19 / 10	-50 to 150	50 ml 250 ml
Fasto A162	High Performance High Strength	Fasto A162 is a high strength thread locking adhesive that can be applied to fasteners up to 3/4" (20mm). Localized heating and hand tools are required to separate parts.	Up to 3 / 4	15 / 24	25 / 25	-50 to 150	50 ml 250 ml
Fasto A170	High Performance Permanent Strength	Fasto A170 is fast curing thread locking adhesive that can be applied where regular removal for maintenance is not required. It is recommended for permanently locking of studs on engine blocks, pump housings and many more industrial & automotive assemblies.	Up to 3 / 4	15 / 24	29 / 33	-50 to 150	50 ml 250 ml
Fasto A172	High Viscosity High Temperature	Fasto A172 is high viscosity and high temperature thread locking compound. It can be used for locking fasteners in hot zone. It can be used for turbines, boilers, crushers and other vibratory assemblies.	up to 1 1/2	15 / 24	26 / 26	-50 to 200 (continuous) -50 to 230 (intermittent)	50 ml 250 ml
Fasto A177	High Strength Large Bolts & Studs	Fasto A177 is high viscosity and high strength thread locking compound. It can be used for locking assemblies of conveying systems, mills, foundation bolts, automobile chassis and other assemblies in Industrial & automobile industry where very high or permanent strength is required.	up to 1 1/2	10 / 12	36 / 31	-50 to 150	50 ml 250 ml
Fasto A190	Very Low Viscosity Wicking Capability	Fasto A190 is very low viscosity thread locking compound. It can be used for locking after assemblies are completed. It can also be used for interference fit assemblies and for porosity sealing.	up to 1/2	15 / 24	16 / 16	-50 to 150	50 ml 250 ml

* Custom pack sizes are available on request



Thread Sealants



Why Thread Sealants?

Thread Sealants are available in liquid or paste form. They prevent the leakage of gases and liquids. Designed for low and high pressure applications, they fill the space between threaded parts and provide an instant low pressure seal. When fully cured, they seal to the burst strength of most piping systems.

Advantages of Fasto Thread Sealants:

- Single-component – clean and easy to apply
- Does not creep, shrink or block systems
- Can be used on any size of pipe fitting
- Replaces all types of tape and hemp/paste sealants
- The seal resists vibration and shock loads
- Grades with several approvals

Product	Features	Description	Pipe Thread Size	Cure Time (handling / Full)	Viscosity	Temp. Resist.	Pack Size*
			(inch)	(min./hrs)	(cps)	(°c)	
Fasto A742	High Performance High Pressure	Fasto A742 is recommended for sealing fine threads of hydraulic & pneumatic connections. It seals up to burst pressure of pipe. A742 offers excellent chemical resistance also.	Up to 3 / 4	10 / 12	700	-50 to 150	50 ml 250 ml
Fasto A750	High Performance Primerless High Pressure Medium Viscosity	Fasto A750 is medium strength, high viscosity and very fast curing threadsealant. It is equally suitable for sealing active & passive substrates. It can be used for sealing threaded assemblies of chillers, compressors, fire fighting equipment, pumps, power packs, etc.	Up to 1 1/2	10 / 10	5000	-50 to 150	50 ml 250 ml
Fasto A754	High Performance Refrigerant Sealant	Fasto A754 is a single component, high strength, refrigerant grade flexible anaerobic pipe sealant. Pipe joints made with Fasto A754 should be tightened to the specific torque within a maximum of 4-5 minutes from initial assembly.	Up to 3	10 / 10	2100	-60 to 150	50 ml 250 ml
Fasto A777	High Pressure High Viscosity	Fasto A777 is recommended to lock and seal medium to coarse straight and tapered pipe threads on pipes Ø15mm to Ø80mm. It gives an almost instant low pressure seal (up to 2 bar after 20mins.) and when fully cured seals up to the bursting pressure of the pipe (10,000 psi).	Up to 3	15 / 24	48000 / 15000 (thixotropic)	-50 to 150	50 ml 250 ml
Fasto A778	High Pressure Fast Curing Primerless High Viscosity	Fasto A778 is very fast cure & high strength thread sealant. It is recommended to lock and seal medium to coarse straight and tapered pipe threads. It gives an almost instant low pressure seal (up to 2 bar after 20mins.) and when fully cured seals up to the bursting pressure of the pipe.	Up to 3	10 / 10	60000 / 17500 (thixotropic)	-50 to 150	50 ml 250 ml
Fasto A765	Low Pressure Low Strength PTFE Based High Lubricity	Fasto A765 is Teflon based, low strength pipe sealant, enabling easier disassembly and servicing. Fasto A765 is suitable for most straight and tapered pipe threads of medium to coarse pitch, from Ø15mm to Ø80mm pipe.	Up to 3	100 / 24	300,000 / 80,000 (thixotropic)	-50 to 150	50 ml 250 ml
Fasto A767	Low Pressure Primerless PTFE Based High Temperature	Fasto A767 is Teflon based, low strength pipe sealant, enabling easier disassembly and servicing. It can be used for sealing stainless steel, aluminium and all other metal pipe threads and fittings. Fasto A767 is suitable for most straight and tapered pipe threads of medium to coarse pitch, from Ø15mm to Ø80mm pipe.	Up to 3	60 / 24	550,000	-50 to 203	50 ml 250 ml

* Custom pack sizes are available on request



Flange Sealants



Why Flange Sealants?

Fasto Flange Sealants designed for use on rigid machined flanges with less than .015" gap. OEM approved – use where OE's specify "anaerobic" gasket (cures in the absence of air) withstands temperatures. Fasto flange sealants are up to 300°F (149°C) and eliminates preformed, pre-cut, paper, rubber and cork gaskets.

Advantages of Fasto Flange Sealants:

- Single-component – easy and clean to apply
- Replace conventional gaskets – reduce inventory
- Fills all voids
- No need for retorquing
- Excellent instant seal
- High resistance to solvents
- Resists high pressure when fully cured

Product	Features	Description	Gap Filling	Cure Time (handling / Full)	Viscosity	Temp. Resist.	Pack Size*
			(mm)	(min./hrs)	(cps)	(°c)	
Fasto A474	High Performance Fast Curing	Fasto A474 is recommended for sealing rigid & semi-rigid metal flanges. It is fastcuring flange sealant that gives instant sealing. It can be used for sealing gearbox casings & side covers, pump housings, machinery covers, etc. It offers initial pressure resistance of 0.5 bar after 20 mins.	0.35	15 / 24	31000 / 105000 (thixotropic)	-50 to 150	50 ml 250 ml
Fasto A475	High Performance High Viscosity	Fasto A475 is recommended for sealing rigid & semi-rigid metal flanges. It is high viscosity flange sealants that gives instant sealing. It can be used for sealing gearbox casings & side covers, pump housing, machinery covers, etc. It offers initial pressure resistance of 0.5 bar after 20 mins.	0.25	10 / 12	60000 / 105000 (thixotropic)	-50 to 150	50 ml 250 ml
Fasto A410	High Performance High Temperature	Fasto A410 is high temperature flange sealant for making & dressing gaskets in rigid assemblies. It permits clamp load to be maintained for leak-proof assemblies. It offers initial pressure resistance of 0.5 bar after 20 mins.	0.50	15 / 24	60000 / 425000 (thixotropic)	-50 to 175	50 ml 250 ml 300 ml
Fasto A415	High Performance Medium Strength	Fasto A415 is medium strength and high viscosity flange sealant for making & dressing gaskets in rigid assemblies. It seals close fitting joints between rigid metal faces and flanges and will flex with minor flange movements. It offers initial pressure resistance of 0.5 bar after 20 mins.	0.25	10 / 12	70000 / 375000 (thixotropic)	-50 to 175	50 ml 250 ml 300 ml
Fasto A418	High Performance High Temperature	Fasto A418 is a single component, medium strength, anaerobic gasket compound. Fasto A418 is a 'form-in-place' gasket product designed for multipurpose applications on rigid metal flanges and surfaces like gearbox casings, machinery covers, pump housings, compressors end caps, turbine casings and many more industrial & automobile assemblies.	0.25	10 / 12	110000 / 500000 (thixotropic)	-50 to 175	50 ml 250 ml 300 ml

* Custom pack sizes are available on request



Retaining Compounds



Why Retaining Compounds?

Retaining Compounds secure bearings, bushes and cylindrical parts into housings or onto shafts. They achieve maximum load transmission capability and uniform stress distribution and eliminate fretting corrosion. Applied as a liquid, they form a 100% contact between mating metal surfaces, eliminating the need for expensive replacement parts, time consuming machining or the use of mechanical methods.

Advantages of Fasto Retaining Compounds:

- High-strength products can carry high loads
- Fill all voids to prevent corrosion and fretting
- 100% contact – load and stress is distributed evenly over the joint

Product	Features	Description	Gap Filling	Cure Time (handling / Full)	Viscosity	Temp. Resist.	Pack Size*
			(mm)	(min./hrs)	(cps)	(°c)	
Fasto A339	High Performance High Strength	Fasto A339 is super high strength, high viscosity and super fast curing retaining compound for bonding cylindrical assemblies with clearance. Typical applications include retaining of locking sleeves, bearings, pulleys, sprockets, gears onto shafts.	0.25	8 / 12	3000	-50 to 175	50 ml 250 ml
Fasto A340	High Performance Primerless High Strength Low Viscosity	Fasto A340 is super high strength, low viscosity, primerless and superfast curing retaining compound for bonding cylindrical assemblies with clearance & slight interference fit. Typical applications include retaining of locking sleeves, bearings, pulleys, sprockets, gears & rotors onto shafts	0.20	6 / 10	500	-50 to 175 (continuous) -50 to 220 (intermittent)	50 ml 250 ml
Fasto A341	Low Viscosity Medium Strength	Fasto A341 is a medium strength retaining adhesive. Typical applications include mounting bearing in place on shafts and in housings. The controlled medium strength allows disassembly for servicing and bearing reuse. A341 prevents corrosion of assembling parts.	0.20	15 / 24	500	-50 to 150	50 ml 250 ml
Fasto A348	High Temperature Fast Curing	Fasto A348 is high temperature and fast curing retaining compound. A348 is designed to augment the strength of press fit assemblies. It is mainly used for high strength cylindrical assemblies like gears & rotors on shafts.	0.20	10 / 24	2500	-50 to 150 (continuous) 50 to 175 (intermittent)	50 ml 250 ml
Fasto A320	High Viscosity High Temperature	Fasto A320 is suitable for high strength and high temperature retaining compound. It applications that require large gap filling. Fasto A320 is designed to augment the strength of slip fit assemblies and for use on loose-fitting or worn parts, where larger gap fill is required.	0.40	15 / 24	7500 / 20000 (thixotropic)	-50 to 230	50 ml 250 ml
Fasto A301	Low Viscosity High Strength	Fasto A301 is suitable for high strength retaining applications that require minimum gap filling. Typical applications include bonding gears onto shafts. A301 is designed to augment the strength of press fit and interference fit assemblies. It can also be used for augmenting the strength of existing pres-fits.	0.20	15 / 24	125	-50 to 150	50 ml 250 ml
Fasto A360	High Strength Large Gap Fill	Fasto A360 is a one-component, solvent free, high strength and high viscous retaining compound. It is suitable for applications that require maximum gap filling. Typically recommended for the repair of blowholes and cracks on worn-out bearings, bushings and hub-shaft connections as well as metal threads.	0.50	10 / 24	50,000	-60 to 175	50 ml 250 ml

* Custom pack sizes are available on request



UV Adhesives



Why UV Adhesives?

UV cure adhesives are used in the production of glassware, glass furniture, acrylic glass, for the optical industry and medical technology field. Fasto UV adhesives are preferred by manufacturers for their high transparency and exceptional stability even in difficult environmental conditions such as humidity and sunlight.

Advantages of Fasto UV Adhesives:

- Fast, Consistent performance to speed production and throughput for a wide Assortment of applications.
- Sealing and Bonding, Providing Secure Joints.
- Clear Formulations provide aesthetically acceptance appearances.
- Wide section of available viscosities, from wicking-grade to large gap-filling materials.

Product	Features	Description	Shear Strength	Cure Time (handling / Full)	Viscosity	Temp. Resist.	Pack Size*
			(n/mm ²)	(min./hrs)	(cps)	(°c)	
Fasto UV92	Very High Strength Very Low Viscosity	Fasto UV92 is a clear high performance, very high strength and very low viscosity UV adhesive. It wicks between parts to be bonded. It is suitable for bonding decorative and structural glass.	35	< 15 seconds / 24 hrs	80	-60 to 120	50 g 250 g
Fasto UV98E	Multipurpose Vey Low Viscosity	Fasto UV98E is a multipurpose, medium strength and very low viscosity UV adhesive. It is suitable for bonding decorative glass.	16	< 15 seconds / 24 hrs	55	-60 to 120	50 g 250 g
Fasto UV104	Very High Strength Low Viscosity	Fasto UV104 is high performance very high strength low - medium viscosity UV adhesive. It is suitable for bonding glass to glass and glass to metal. It is suitable for edge-to-edge and face-to-face bonding. UV104 is weather resistance.	34	< 10 seconds / 24 hrs	800	-60 to 120	50 g 250 g
Fasto UV52	High Strength Medium High Viscosity	Fasto UV52 is high performance very high strength and medium viscosity UV adhesive. It is suitable for bonding structural glass, decorative glass and metal to glass.	18	< 15 seconds / 24 hrs	7500	-60 to 120	50 g 250 g
Fasto UV103	High Strength High Temperature	Fasto UV103 is high performance high strength high temperature UV adhesive. It is suitable for bonding glass to glass and glass to metal. It is suitable for edge-to-edge and face-to-face bonding. UV103 is weather resistance.	25	< 10 seconds / 24 hrs	7000	-60 to 150	50 g 250 g
Fasto UVM21	High Strength Plastic Bonding	Fasto UVM21 is high performance and very high strength medical grade UV adhesive. It is suitable for bonding various medical devices and grades of plastics like polycarbonate, acrylic, thermoplastics, etc	25	< 15 seconds / 24 hrs	400	-60 to 120	50 g 250 g

* Custom pack sizes are available on request



Instant Adhesives



Why Instant Adhesives?

Instant adhesives cure very quickly when confined between surfaces. Surface humidity on the substrates triggers the cure reaction which moves from the substrate surfaces towards the middle of the adhesive joint. Instant Adhesives are chosen for bonding small parts to achieve extremely fast fixturing. Due to their limited gap filling capacity they require close fitting surfaces. The adhesion to most substrates is excellent and the bonding strength in shear and tensile mode is very good.

Advantages of Fasto Instant Adhesives:

- Clean and easy to apply
- Very fast positioning and fixturing of parts
- Free of solvents
- Excellent adhesion on a wide range of substrates, Special formulations are available for bonding metals or porous substrates.
- High strength on very small bond faces

Product	Features	Description	Shear Strength	Cure Time (handling / Full)	Viscosity	Temp. Resist.	Pack Size*
			(n/mm ²)	(min./hrs)	(cps)	(°c)	
Fasto CA10	Very Low Viscosity Fast Curing	Fasto CA10 is a very low viscosity & very fast curing modified Ethyl Cyanoacrylate adhesive. Fasto CA10 is suitable for bonding a very wide range of materials including rubber, plastics, flex, etc	11	5 sec / 12 hrs	5	-30 to 110	20 g
Fasto CA11	Multipurpose Low Viscosity	Fasto CA11 is a low viscosity modified Ethyl Cyanoacrylate adhesive. Fasto CA11 is suitable for bonding a very wide range of materials, including some porous ones, where very fast cure speed is required.	12	10 sec / 24 hrs	30	-20 to 110	20 g
Fasto CA12	High Performance Low Viscosity	Fasto CA12 is a low-medium viscosity modified Ethyl Cyanoacrylate adhesive. Fasto CA12 is suitable for bonding a very wide range of materials including wood, various plastics, fibre, metals, rubber and few composites where medium to fast cure speed is required.	13	10 sec / 24 hrs	40	-20 to 110	20 g
Fasto CA26	High Performance Rubber Bonding	Fasto CA26 is a low viscosity high strength fast curing specially formulated modified Ethyl Cyanoacrylate adhesive. Fasto CA26 is suitable for bonding difficult to bond substrate like paper, leather etc. Fasto CA26 is very fast curing for substrate like rubber & plastics.	22	10 sec / 12 hrs	100	-20 to 110	20 g
Fasto CA01	High Performance Plastic Bonding	Fasto CA01 is a high performance low viscosity fast curing modified Ethyl Cyanoacrylate adhesive. Fasto CA01 is specially formulated for bonding a various plastics like PP, PC, acrylates, etc	20	10 sec / 12 hrs	100	-20 to 110	20 g
Fasto CA02	High Performance Low Bloom	Fasto CA02 is a high performance low bloom fast curing modified Alkoxy Ethyl Cyanoacrylate adhesive. Fasto CA02 is specially formulated for bonding a various transparent plastics like PP, PC, acrylates etc	13	10 sec / 12 hrs	200	-40 to 80	20 g
Fasto CA95	High Performance Multi Surface	Fasto CA95 is a low-medium viscosity high strength specially formulated modified Methyl Cyanoacrylate adhesive. Fasto CA95 is suitable for bonding a very wide range of materials, including various metals, plastics, rubber, leather, composites etc	22	10 sec / 12 hrs	40	-20 to 110	20 g
Fasto CA15	High Performance Porous Surface	Fasto CA15 is a very high viscosity high strength specially formulated modified Ethyl Cyanoacrylate adhesive for bonding porous surfaces. Fasto CA15 is also suitable for bonding wide range of substrates like metals, rubbers, plastics, composites, etc.	15	20 sec / 24 hrs	1500	-20 to 110	20 g

* Custom pack sizes are available on request



Structural Adhesives



Why Structural Adhesives?

Structural Adhesives are ideal for applications that do not require extremely fast set times but do require high strength. The range of Structural Adhesive products offers a wide choice of solutions to meet the various requirements and conditions that apply to industrial design and construction.

Advantages of Fasto Structural Adhesives:

- Excellent shear and tensile strength
- Superior solvent resistance including water and acetone.
- Very good gap-filling properties.
- Suitable for use on electronics or in general assembly.

Product	Features	Description	Tensile Strength	Compressive Strength	Cure Time (handling / Full)	Temp. Resist.	Pack Size*
			(n/mm ²)	(n/mm ²)	(min./hrs)	(°c)	
Fasto E400	High Performance Dual Cartridge	Fasto E400 is a very high strength & fast curing two part epoxy based adhesive, in ready to use 3:1 cartridge. Fasto E400 is formulated for bonding, sealing and holding various substrates like steel, aluminium, brass, ceramic, concrete, plastics and many type of rubbers. Fasto E400 can also be used in maintenance for bonding & repairing steel, ceramic or plastic parts.	28.2	82.5	20 mins / 24 hrs	-10 to 120	400 ml
Fasto E180	High Performance High Strength	Fasto E180 is a high performance high strength two part epoxy based adhesive. Fasto E180 is formulated for bonding, sealing and holding various substrates like steel, aluminium, brass, ceramic, concrete, wood, rubber, etc. Fasto E180 offers high performance, strong fixing with exceptionally high chemical resistance.	32	78	4 hrs / 24 hrs	-10 to 150	9 kg 1.8 kg
Fasto MA15	High Performance Porous Surface	Fasto MA15 is 1:1 mix ratio two component methyl methacrylate based very high strength and high performance structural adhesive. Fasto MA15 is designed to withstand higher impact load and has excellent weather resistance. It is suitable for bonding metals, magnet, plastics, FRP and many other substrates.	14	10 (Peel Strength)	20 mins / 24 hrs	-25 to 125	400 ml 50 ml
Fasto MA05	High Performance Porous Surface	Fasto MA05 is 1:1 mix ratio two component methyl methacrylate based very high strength, fast curing and high performance structural adhesive. Fasto MA15 is designed to withstand higher impact load and has excellent weather resistance. It is suitable for bonding metals, magnet, plastics, FRP and many other substrates.	16	12 (Peel Strength)	05 mins / 24 hrs	-25 to 125	400 ml 50 ml

* Custom pack sizes are available on request



Silicone Sealants



Why Silicone Sealants?

Silicone-based sealants are much more than just sophisticated glue. They are a vital component of thousands of products, determining the way materials can be used together. Silicones are revolutionizing the technology of adhesion, opening up advanced design possibilities. From labels to airplanes, floor tiles to skyscrapers, silicone-based sealants and adhesive systems make our lives safer, more comfortable and more rewarding. Silicones are extraordinarily versatile.

Advantages of Fasto Silicon Sealants:

- Flexibility
- Resistance to temperature extremes
- Outstanding performance
- Oil & Chemical Resistance
- Water & Weather Resistance
- Inertness

Product	Features	Description	Ultimate Tensile Strength (n/mm ²)	Hardness Shore (n/mm ²)	Tack Free Time / Full Cure Time (min./hrs)	Temp. Resist. (°c)	Pack Size*
Fasto S950	Multi Purpose Highly Flexible	Fasto S950 is a one part, all weather, highly flexible, acetox, economical grade, multipurpose RTV Silicone sealant. Fasto S950 is suitable for bonding and sealing gear box flanges, air conditioning ducts, bus body, street lights, signing boards, solar panels and many more electrical & mechanical equipment and machines.	1.7	19	30 mins / 24 hrs	-24 to 165	280 ml
Fasto S960	High Performance High Temperature Red	Fasto S960 is a one part, high performance, high temperature, highly flexible silicone compound. Fasto S960 is suitable for bonding and sealing gear box flanges, heater & oven ducts, exhaust manifolds, furnace ducts & flanges, HT Pipe flanges, insulation sealing, radiators, boiler joints, gaskets & o-rings.	3.3	27	20 mins / 24 hrs	-24 to 260	300 ml
Fasto S970	Neutral Cure Highly Flexible	Fasto S970 is a one part, all weather, highly flexible, neutral cure, non corrosive RTV Silicone sealant. Fasto S970 is suitable for bonding and sealing gear box flanges, air conditioning ducts, bus body, street lights, junction box, signing boards, solar panels and many more electrical & mechanical equipment and machines.	1.8	24	35 min / 24 hr	-24 to 175	280 ml
Fasto S980	High Performance High Strength	Fasto S980 is a one part, oil tolerant, all weather, highly flexible, non corrosive, high performance RTV Silicone sealant. Fasto S980 is suitable for bonding and sealing gear box & pump flanges, air conditioning ducts & refrigeration system, oil sumps, solar panels and many more electrical & mechanical equipment and machines.	1.9	28	20 mins / 24 hrs	-24 to 230	300 ml
Fasto S982	High Performance Low Odour	Fasto S982 is a one part, low odour, oil tolerant, all weather, highly flexible, neutral cure, non corrosive, high performance RTV Silicone sealant. Fasto S982 is suitable for bonding and sealing gear box & pump flanges, air conditioning ducts, oil sumps, solar panels, ceramics and many more electrical & mechanical equipment and machines.	1.9	30	30 mins / 24 hrs	-24 to 230	300 ml

* Custom pack sizes are available on request



Silicone Sealants



Product	Features	Description	Ultimate Tensile Strength	Hardness Shore	Tack Free Time / Full Cure Time	Temp. Resist.	Pack Size*
			(n/mm ²)	(n/mm ²)	(min./hrs)	(°c)	
Fasto S987	High Performance Blue High Oil Tolerant	Fasto S987 is a one part, high performance blue, oil tolerant, highly flexible, neutral cure, non corrosive silicone based sealant. Fasto S987 is suitable for sealing & bonding of flange of heavy machines during plant maintenance. It is OEM grade product which is suitable for bonding and sealing gear box & pump flanges, oil sumps, transmission systems in automotive, engine blocks, etc	2.1	32	30 mins / 24 hrs	-24 to 260	300 ml
Fasto S990	High Performance Heavy Duty	Fasto S990 is a one part, high performance, heavy duty, high oil tolerant, non corrosive, low odour, highly flexible, neutral cure silicone compound. Fasto S990 is suitable for bonding & sealing heavy duty gear boxes flanges, power transmissions assemblies, timing covers, oil slumps, pipe flanges, gaskets & o-rings and many more automobile, electrical, mechanical equipment and machines.	2.2	45	30 mins / 24 hrs	-50 to 230	300 ml
Fasto P240	All Weather Paintable	Fasto P240 is a one part high performance, all weather, highly flexible, non corrosive, universal grade & moisture curing paintable polyurethane based adhesive sealant. Fasto P240 is suitable for bonding and sealing expansion joints, stiffeners, ducts, gutters, windows, cracks, installing skylights & rood flashings, etc.	2.3	60	60 mins / 24 hrs	-30 to 90 (continuous) 130 (intermittent)	600 ml
Fasto P260	High Performance Primerless Glass Glazing	Fasto P260 is a one part very high performance & high strength, OEM grade, all-weather, Primer less, highly flexible, non corrosive & moisture curing paintable polyurethane based adhesive sealant. Major applications include bonding, sealing & glazing of stiffeners, glass, seams, cladding and joints.	1.8	40	60 mins / 24 hrs	-30 to 90 (continuous) 130 (intermittent)	600 ml
Fasto MS50	UV Resistant Surface Insensitive	Fasto MS50 is one part silane modified polymer based very high performance, high strength, excellent UV, weather & water resistant, non sagging and highly flexible paintable adhesive sealant. Fasto MS50 is suitable for bonding & sealing seam & joints in vehicle, railway carriage, container, ship, boat. It also finds its application in industries like bus body, HVAC, kitchen appliance, solar, telecom, etc	2.2	53	30 mins / 24 hrs	-30 to 90 (continuous) 130 (intermittent)	600 ml

* Custom pack sizes are available on request





Why Composites?

Wear and corrosion are common causes of failure in industrial equipment. Protecting these assets offers a significant cost savings. Fasto Coatings offer superior protection for new and worn equipment in a variety of applications. Extending service life and increasing efficiency through reduced friction are just two examples of the benefits of using protective coatings to safeguard your assets.

Advantages of Fasto Composites :

- Cost savings performance on various substrates. It's most important
- Improved safety.
- Minimal down time
- Epoxies can be drilled and tapped after cure the integrity of the repair.
- Available in varying viscosities and knead able form as temporary fixes, providing proven savings for processes
- Available in colours to match varying metals applications.

Product	Features	Description	Compressive Strength	Tensile Strength	Tack Free Time / Full Cure Time	Temp. Resist.	Pack Size*
			psi	psi	(min./hrs)	(°c)	
Fasto 1400	High Gloss High Chemical Resistance	Fasto 1400 (HP ChRC Coating) is a high performance, high build, smooth, fast curing two-component, chemical resistance epoxy based coating system. Fasto 1400 is suitable for lining metal & concrete surfaces which are under severe chemical attacks. Fasto 1400 protects end covers, chutes, piping, pumps, foundation, steel structures, tanks, valves, etc from severe corrosion and erosion.	13778	8267 (Flexural Strength)	25 min / 24 hr	-24 to +124 (dry service temperature)	5 kg 10 kg
Fasto 1414	High Gloss High Wear Resistance	Fasto 1414 (HP Brushable Ceramic Coating), is a smooth, two-component, ceramic filled epoxy system that provides a glossy, low friction coating designed to protect metal surfaces. Fasto 1414 (HP Brushable Ceramic Coating) is suitable for lining heat exchangers and condensers, lining chutes and tanks, resurfacing rudders and pintel housings and repairing cooling pump impellers, butterfly valves and cavitated pumps against abrasion, turbulence and cavitations.	11370	4672	25 min / 24 hr	-24 to +230 (dry service temperature)	1 kg 5 kg 10 kg
Fasto 1415	High Performance Fine Particle Abrasion Resistance	Fasto 1415 (HP PnuWear), is a two-component Silicon Carbide and Alumina filled high build epoxy lining system that provides a very high wear resistance against fine particle abrasion against metallic surfaces. It is suitable for lining Chutes and Vessels, Centrifuges (screw type), I.D. fans, Pneumatic Conveying Elbows, Slurry Pump Casing, Hopper, Inlet side of the ball mill, Cyclone Separator, Ceramic lined bends etc.	14,801	4,472	45 min / 24 hr	-24 to +210 (dry service temperature)	5 kg 10 kg
Fasto 1416	High Performance Medium Particle Abrasion Resistance	Fasto 1416 (HP Wearing Compound), is a two-component Silicon Carbide beads and Alumina filled , trowelable, very high build epoxy lining system that provides a very high wear resistance against very fine particle to small particles (up 4 mm) abrasion against metallic surfaces.	14,650	4,380	45 min / 24 hr	-24 to +230 (dry service temperature)	5 kg 10 kg
Fasto 1441	High Performance Machineable	Fasto 1441 (HP Metal Compound) is a high strength, two-component, machineable polymer based metal compound that provides a reliable and corrosion resistant repairing of various equipment. It is suitable for repairing & metal filling at heat exchangers tube sheet, valve seat, flanges, pump casings, shafts, key ways, weld joints, castings, etc.	14,390	4,780	30 min / 24 hr	-24 to +150 (dry service temperature)	1 kg 5 kg
Fasto Quick Steel Stick	High Performance Fast Curing Machineable	Fasto Quick Metal Stick is a high strength ready to use, two-component, non corrosive, machineable polymer based metal compound in stick form. It provides a reliable and corrosion resistant repairing of various equipment.	12,150	3,200	10 min / 12 hr	-24 to +120 (dry service temperature)	60 g

* Custom pack sizes are available on request



Construction Polymers



Why Construction Polymers?

In Fasto polymer resins are used as the principal polymer component due to their high thermal stability and resistance to a wide variety of chemicals. Polymer concrete is also composed of other aggregates and other high quality material. The aggregate must be of good quality, dry, free of dust and other debris.

Advantages of Fasto Construction polymers :

- Rapid curing at ambient temperatures
- High tensile, flexural, and compressive strengths
- Good adhesion to most surfaces
- Good long-term durability with respect to freeze and thaw cycles
- Low permeability to water and aggressive solutions
- Good chemical resistance

Product	Features	Description	Ultimate Tensile Strength (n/mm ²)	Hardness Shore a	Tack Free Time / Full Cure Time (min./hrs)	Temp. Resist. (°c)	Pack Size*
Chemach 90	High Performance Fast Curing High Compressive Strength	Fasto is a very high strength and fast curing two part pure epoxy based chemical anchor system. It is ready to use 3:1 cartridge. Fasto CHEMACH90 is formulated for grouting, bonding and holding various construction substrates like steel, concrete and many other substrates. Fasto CHEMACH90 can be used for grouting various machines, cables trays and other equipment.	89 (Compressive Strength)	—	30 mins / 24 hrs	-10 to 80	550 g
SuperSeal 889	High Performance Weather Sealant	SuperSeal 889 is a one-part, neutral- cure, architectural grade weatherproofing sealant. It easily extrudes in any weather and cures at ambient temperature by reaction with moisture in the air to form a durable, flexible silicone rubber seal.	1.9	26	80 mins / 7 days	-24 to 150	300 ml
SuperSeal 895	High Performance Structural Glazing	SuperSeal 895 is a one part all weather, UV resistant, highly flexible, neutral cure, non corrosive, superior grade structural glazing RTV silicone sealant. Fasto S895 is suitable for bonding and sealing glass to aluminium structures, composites, IG units and many more construction grade substrates.	2.4	42	80 mins / 7 days	-24 to 150	300 ml
SuperSeal 860	High Performance Neutral Sealant	SuperSeal 860 is a one part, all weather, highly flexible, neutral cure, non corrosive, construction grade RTV Silicone sealant. SuperSeal 860 is suitable for sealing, bonding and glazing applications. It can be used for glazing & sealing composite panels, glass, aluminium and other light applications.	1.9	23	35 min / 24 hr	-24 to 150	280 ml
SuperSeal 840	High Performance Multi Seal	SuperSeal 840 is a one part, all weather, highly flexible, acetox, economical grade, multipurpose RTV Silicone sealant. SuperSeal 840 is suitable for bonding, sealing and jointing construction joints, windows, roofs, floors, façade etc.	1.7	18	30 min / 24 hr	-24 to 150	280 ml
SuperSeal 890	High Performance Acrylic Sealant	Fasto SuperSeal 890 is a one part non corrosive, paintable, flexible, fast curing acrylic based high performance sealant. Fasto SuperSeal 890 is suitable for sealing tiles, ceramic, glass joints, stone joints, etc. It is also suitable for sealing gaps between doors, windows, frames, brickwork, glasswork etc.	—	65	10 min / 24 hr	-24 to 60	300 ml
Fasto P240	All Weather Paintable	Fasto P240 is a one part high performance, all weather, highly flexible, non corrosive, universal grade & moisture curing paintable polyurethane based adhesive sealant. Fasto P240 is suitable for bonding and sealing expansion joints, stiffeners, ducts, gutters, windows, cracks, installing skylights & rood flashings, etc.	2.3	60	60 min / 24 hr	-30 to 90 (continuous), 130 (intermittent)	600 ml

* Custom pack sizes are available on request





www.fastoadhesives.com

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- ☒ Distributor Information
- ☒ Product Application Assistance
- ☒ Product Description with strength



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