LOCTITE®

The best Tools for the Job

LOCTITE – The best Tools for the Job

For every production maintenance problem, Loctite has the right solution.

The Loctite range of speciality, high-technology products is probably the most useful tool a production engineer can have to combat downtime. In the fight to prevent lost production, delays and upset schedules, these advanced adhesives, sealants, lubricants and cleaners can provide the "spares" needed to make immediate repairs.

With the Loctite range you can securely lock any threaded fastener or fitting against vibration and shock loads; retain bearings, bushes and cylindrical parts into housings or onto shafts – even if they are worn. You can also instantly replace gaskets; permanently join dissimilar materials rapidly without mechanical aid; clean and lubricate.

In this guide, you will find everything you need to know about these and many other industrial grade Loctite products. The guide is split into 11 sections, each section containing an easy to follow product selector guide, technical and ordering information, as well as application examples.

Whether your task be an emergency repair or preventative maintenance, you will find it easy to select the Loctite product you need.

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Locking of Threaded Fasteners

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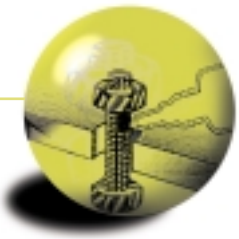
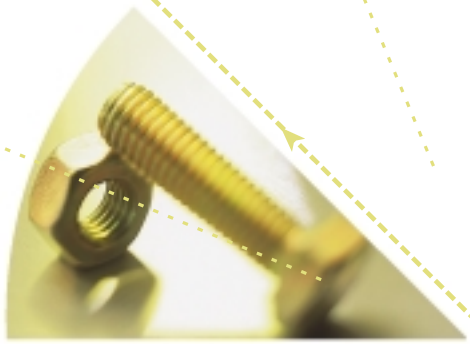


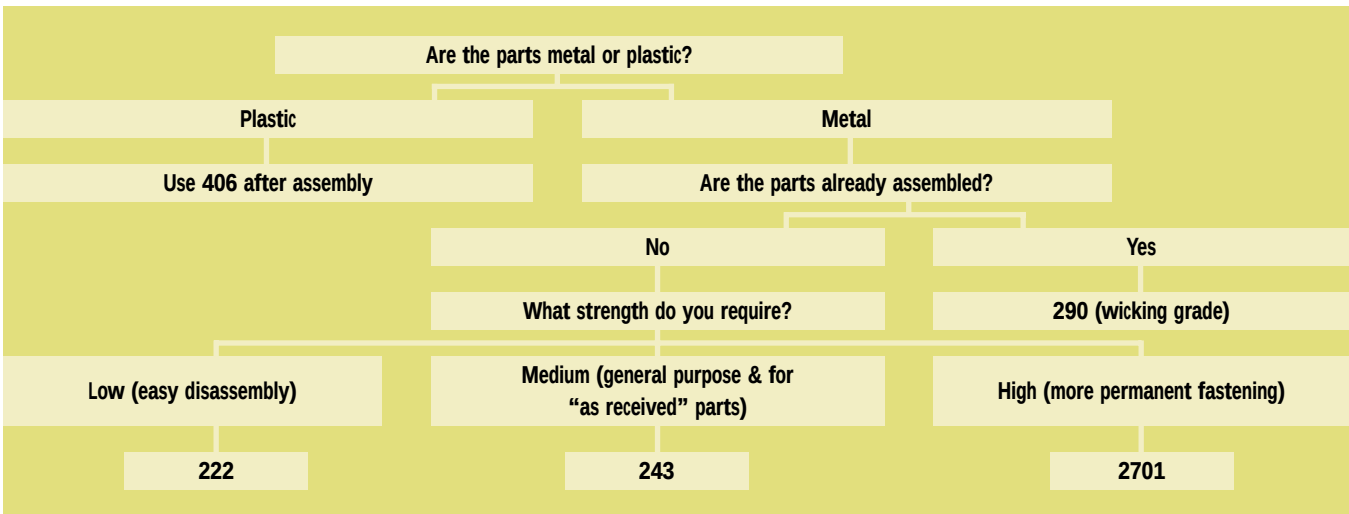
Threadlocking –
Locking of Threaded Fasteners

Loctite threadlocking products secure any threaded fastener against vibration and shock-loads. Easy-flowing liquids which fill the gaps between mating threads, they cure to form a strong, insoluble plastic. The joints formed are shock-, leak-, corrosion- and vibration-proof, yet, provided the correct grade is chosen, can be easily undone with hand tools.

- **Single part – clean and easy to apply**
- **Can be used on all sizes of fasteners – reduces inventory costs**
- **Allow through-hole tapping – threads are automatically sealed**



Choosing the Correct Threadlocking Grade



Handy Hints:

- Clean parts with Loctite 7063 before applying the adhesive
- If the threadlocker will be applied below 5 °C, pre-treat with Loctite 7471
- If the parts were in contact with aqueous washing solutions or cutting fluids which leave a protective layer on the surface, wash with hot water before use

Technical Summary

Product	222	243	290	2701
Size of Thread	Up to M 36		UP to M 12	Up to M 20
Strength	Low	Medium	Medium/High	High
Functional Strength (Hours)[1]	6	2	3	6
Breakaway Torque M10 bolts (Nm)	6	20	10	38
Long-term temp. resistance	+150 °C			
Pack Sizes:				
10 ml	●	●	●	
50 ml	●	●	●	●
250 ml	●	●	●	●

[1] Typical value @ 22 °C

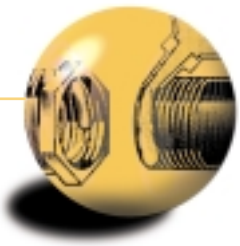
Application Examples

Loctite 222
Recommended for low-strength locking of parts and non-ferrous metals (e.g. aluminium, brass and other copper-based alloys, which could break during disassembly). Also for locking adjusting screws, countersunk head screws and set screws; on collars, pulleys, tool holders, and controllers.

Loctite 2701
(Replaces Loctite 270)
For use on metal fasteners (including passive materials such as stainless steels and fasteners with passive conversion coatings such as zinc), where removal for maintenance is not required. Also recommended for permanently locking studs on engine blocks and pump housings.

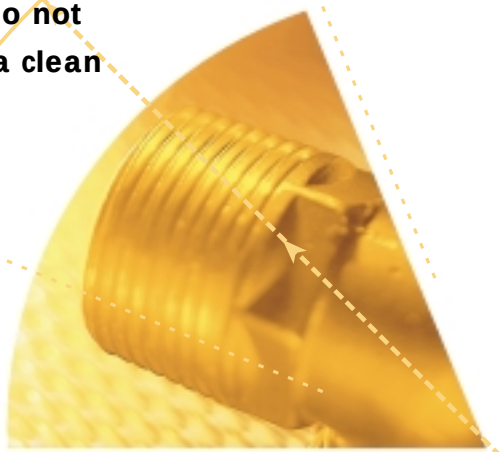
Loctite 243
Effective on all types of metal threaded fasteners (including black oxide coated steel and brass-fasteners). Prevents loosening on vibrating parts such as pumps or motor mounting bolts, engine rocker nuts, equipment housing screws, gear boxes or presses. Recommended for use where disassembly with hand tools is required for servicing & where parts are “as received”.

Loctite 290
Pre-assembled fasteners, instrumentation screws, electrical connectors, carburettors and set screws.



Thread Sealing –
Sealing of Threaded Components

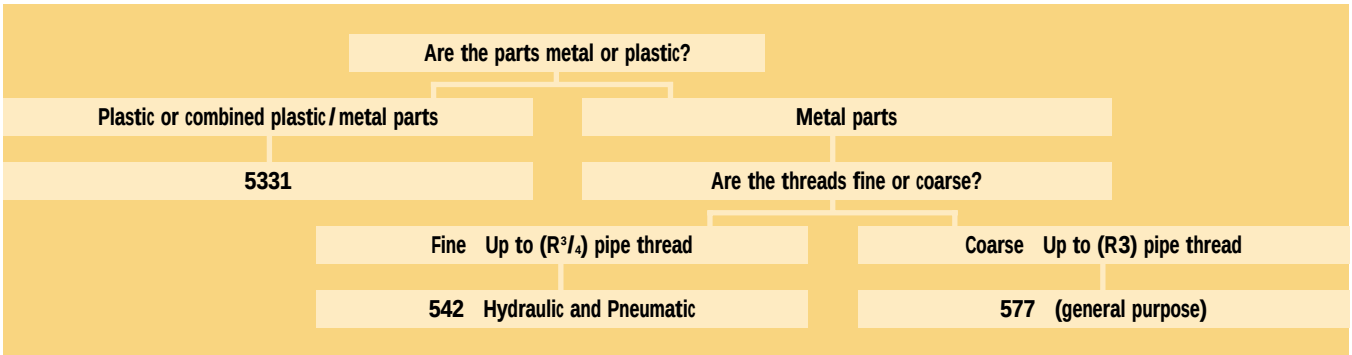
Loctite thread sealing products provide an instant, low-pressure seal for all types of pipe connections. They do not cure until the pipes are assembled[1] and produce a clean seal which resists corrosion, vibration and shock loads. The seal increases when completely cured to withstand the burst pressure of the pipe.



- **Replaces hemp, tapes and paste**
- **Complete contact between threads – provides a 100 % seal**
- **Will not creep, shrink or block systems (including filters) by shredding.**
- **Excess sealant is easily flushed away[1]**
- **Single part – clean and easy to apply**
- **Disassembly can be achieved easily with normal tools**

There is a product in the range for every type of thread sealing application, for parts up to (R3) diameter and temperatures up to 150 °C. Do not use where liquids/gases contain oxidising agents.

Choosing the Correct Thread Sealing Grade



Handy Hints:

- If the sealant will be applied below 5 °C, pre-treat with Activator 7471[1]
- All parts must be clean & dry before sealing – use Loctite 7063
- If the parts have been in contact with washes or cutting fluids containing nitrites wash them with hot water[1]

[1] Does not apply to 5331

Technical Summary

Product	542	577	5331
Maximum Thread Size	3/4"	3"	
Temperature resistance	+150 °C		
Disassembly Strength	Medium		Low
Substrate to be sealed	Metal		Metal, Plastic or both
Instant Low Pressure Seal	No	Yes	Yes
Pack Sizes:			
10 ml	●		
50 ml	●	●	
100 ml			●
250 ml	●	●	

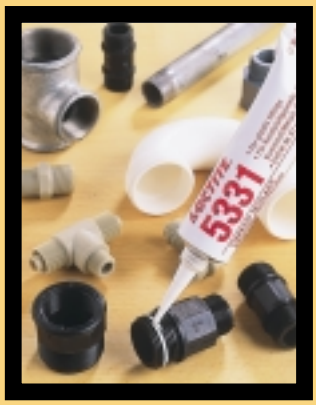
Application Examples

Loctite 542
Recommended for fine threaded fittings as used in hydraulic and pneumatic installations, for connections on machine tools, automotive vehicles, heavy plant equipment and small fittings in general.

- Carries the German DVGW approval (No. 96.02e125). Tested in accordance to EN 751-1
- Meets BS 6956 type A for sealing gas fittings
- WRC approval for use with potable water

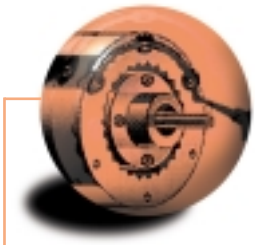
Loctite 577
All coarse metal threads where fast cure and medium strength are required e.g. pipe systems in chemical plants. Suitable for applications in low temperatures e.g. outdoor plant maintenance.

- Carries the German DVGW approval (No. 96.04e125). Tested in accordance to EN 751-1
- Meets BS 6956 type B for sealing gas fittings
- WRC approval for use with potable water



Loctite 5331
Recommended for use on threaded plastic or plastic/metal fittings carrying hot or cold water e.g. industrial and agricultural plastic water pipe systems, or drainage systems.

- Carries the German DVGW (No. 96.07e125) and KTW approvals for gas and potable water. Tested in accordance to EN 751-1
- WRC approved for use with potable water up to 90 °C

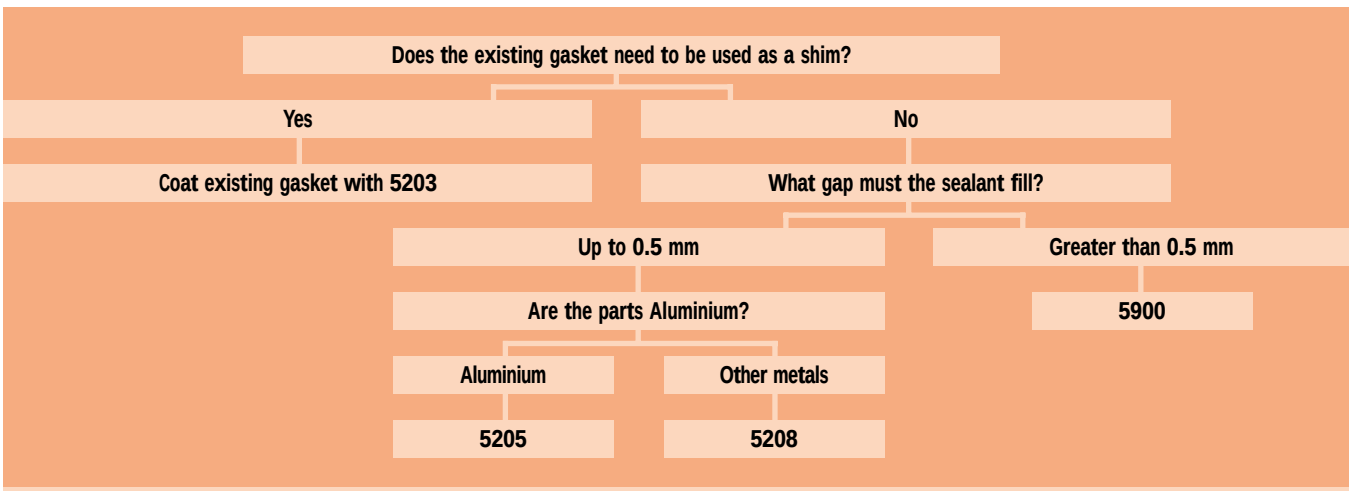


Gasketing –
Sealing of Flange Faces

Loctite instant self-forming gaskets provide a perfect seal between components, with maximum face-to-face contact, eliminating flange face corrosion. A low-pressure seal is formed immediately on assembly, with full cure in 24 hours giving a joint that won't shrink, crack or relax.

- **No shimming effect – controlled tolerances, no need for re-torquing**
- **Fill all voids – reduce the need for a fine surface finish**
- **Replace conventional gaskets – reduce inventory**
- **Single part – easy and clean to use**
- **High resistance to solvents**
- **Parts can be disassembled easily even after extended service**
- **Resists high pressure when fully cured**

Choosing the Correct Gasketing Grade



Handy Hints:

- If there are traces of old gasket left on the parts to be sealed, clean with Loctite 7200 gasket remover
- All parts must be clean & dry before sealing – use Loctite 7063

Technical Summary

Product	5203	5205	5208	5900
Gasket Type	Formed-In-Place			
Flange Type	Rigid			Flexible
Cure Method	Anaerobic			Moisture
Handling Strength[1]	15 min.	40 min.	20 min.	2 – 4 hours
Tack-Free Time	N.A.			5 min.
Temperature Resistance	150 °C			200 °C
Instant Seal	Excellent			
Oil Resistance	Excellent			
Water/Glycol Resistance	Moderate	Good	Moderate	Moderate
Colour	Red			Black
Pack Sizes:				
250 ml tube			●	
300 ml cartridge	●	●		●

[1] at room temperature on steel joints

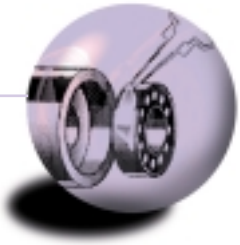
Application Examples

Loctite 5208
(Replaces Loctite 574)
Recommended for use on rigid metal parts e.g. cast iron components and pump housings, etc.

Loctite 5203
Recommended for coating and re-using metal gaskets to improve sealing and also to hold in place during assembly. Low strength for easy disassemlby.

Loctite 5900
Replacement for conventional cork and paper cut gaskets on: compressors, gearboxes, oil pans, stamped sheet metal covers, construction equip-ment, mining equipment and industrial machinery. Recommended to be used where high vibration or flexing occurs. Can also be used with plastic parts.

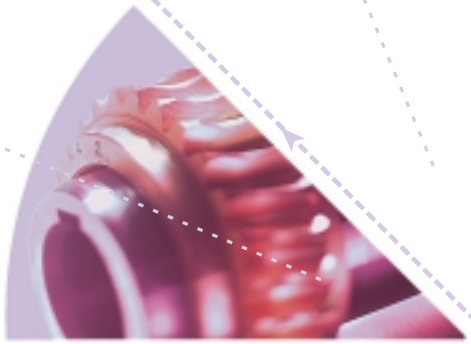
Loctite 5205
(Replaces Loctite 518)
Recommended for aluminium parts where flexibility is required e.g. aluminium gearbox and engine castings, etc.



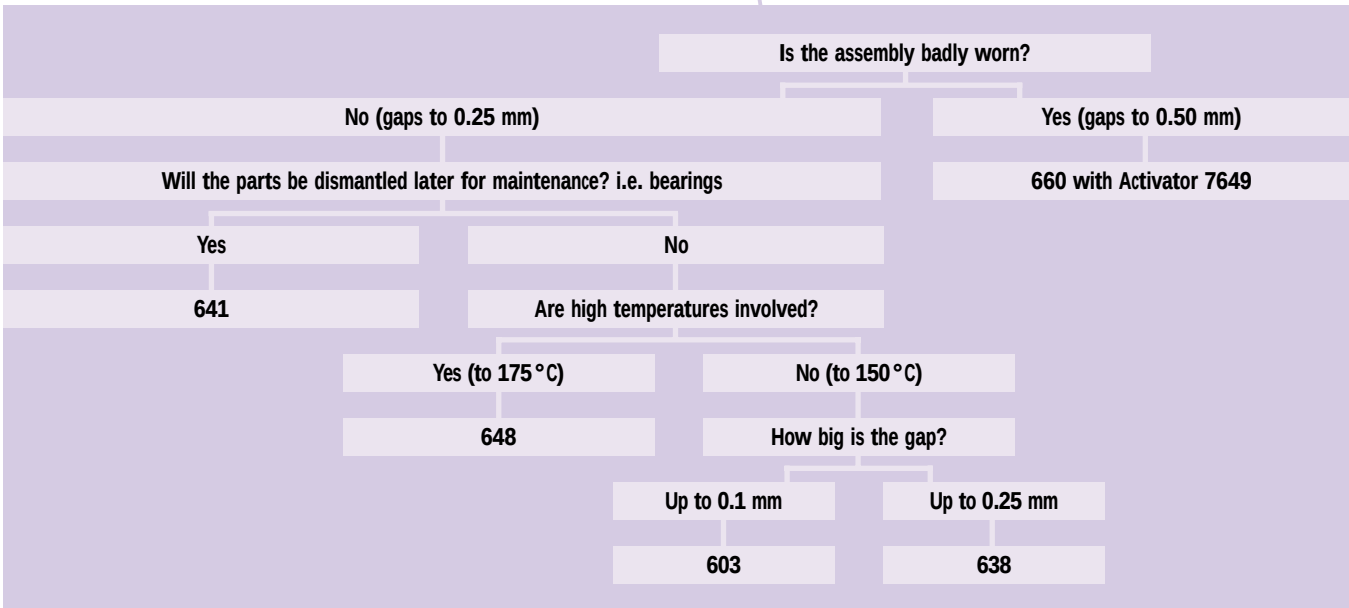
Retaining –
Securing Cylindrical Assemblies

Loctite retaining products solve common problems of loose bearings on shafts, worn housings and 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.

- **High-strength products – can carry high loads and eliminate fretting**
- **Fill all voids – prevent corrosion**
- **Reduce the need for close tolerances**
- **100 % contact – load and stress is distributed evenly over the joint**
- **Single part – easy and clean to apply**



Selecting the Correct Retaining Grade



Handy Hints:

- If the retainer will be applied below 5 °C, pre-treat with Activator 7471
- All parts must be clean & dry before sealing – use Loctite 7063
- If the parts have been in contact with washes or cutting fluids containing nitrites, wash with hot water

Technical Summary

Product	603	638	641	648	660
Strength Required	High		Moderate	High	
Handling Strength in min.[1]	10	5	30	5	20
Diametrical Clearance (mm)	Up to 0.1	Up to 0.25	Up to 0.1	Up to 0.15	Up to 0.50
Temperature Resistance	150 °C			175 °C	150 °C
Pack Sizes:					
10 ml	●		●		
50 ml	●	●	●	●	●
250 ml	●	●	●	●	

[1]at room temperature on steel joints

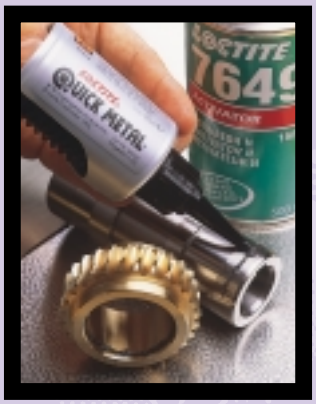
Application Examples

Loctite 603
For retaining close fitting cylindrical parts (up to 0.1 mm gap), and for use on cylindrical fitting parts where thorough degreasing is not possible. Tested & approved by leading bearing manufacturers.

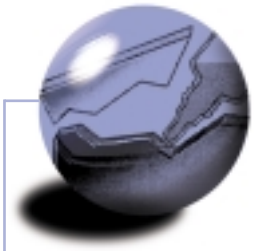
Loctite 638
Gives improved resistance to dynamic, axial and radial loads. Recommended for retaining shafts, gears, pulleys and similar cylindrical parts.

Loctite 641
Recommended for parts that will need subsequent dismantling i.e. retention of bearings onto shafts and into housings.

Loctite 648
Recommended for retaining parts with a clearance or interference fit i.e. retaining bushes, bearings, seals, fans, and liners.



Loctite 660
(use with Activator 7649)
Used for repairing worn coaxial parts without requiring machining; enables re-use of out-of-true bearing seats, keys, splines, tapers, or for retaining of shims.

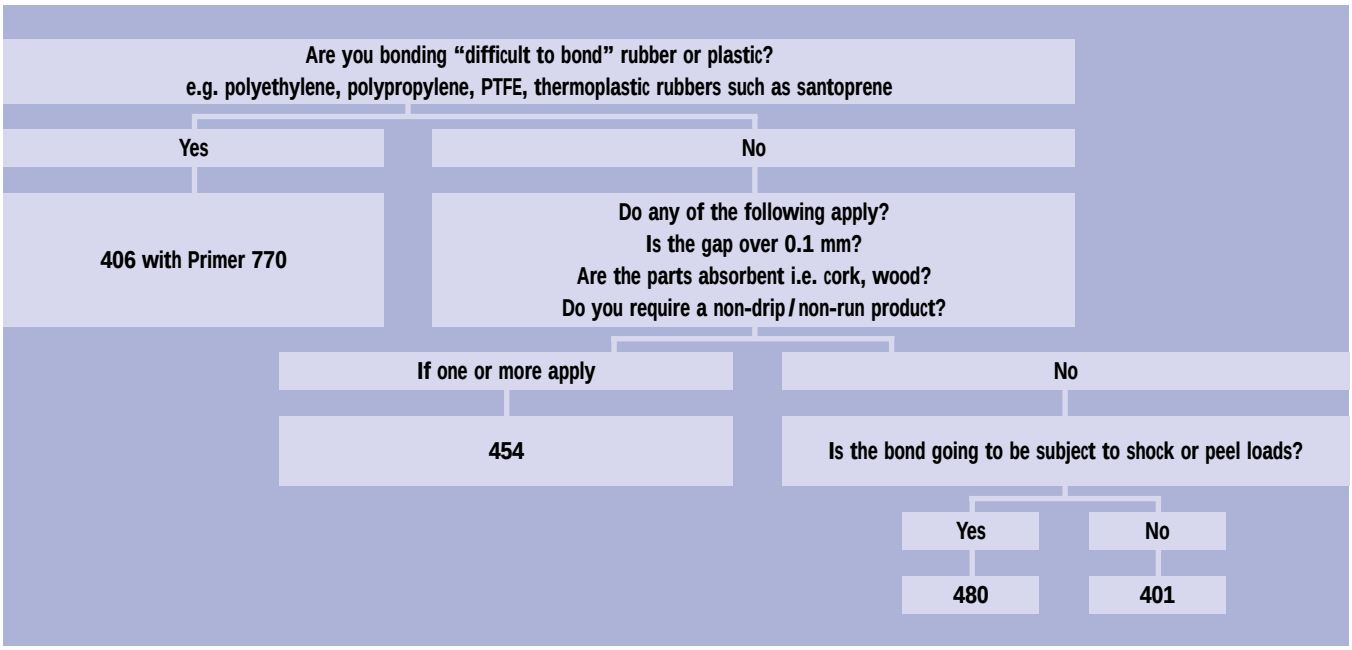


Instant Bonding

For the maintenance engineer modifying, repairing and assembling parts including metal, plastic, rubber, wood or ceramic. Will quickly return to service components, which would otherwise have to be scrapped or expensively repaired. Loctite instant adhesives offer maintenance engineers an unbeatable combination of speed, strength and simplicity. They will bond in seconds at room temperature and can be applied directly from the bottle or tube to bond all types of substrates.

- **Cure in seconds – give an instant bond**
- **Clear bond line – good cosmetic appearance**
- **Versatile – incompatible materials can be bonded**
- **High strength – often giving a bond stronger than the materials being bonded**
- **No special preparation needed for parts to be bonded**
- **Single part – no mixing or wastage**

Selecting the Correct Grade of Instant Adhesive



Technical Summary

Product	401	406	454	480
Operating Temperature		Up to 80 °C		Up to 100 °C
Fixture time sec.[1]	5 – 20	10 – 20	5 – 20	60 –120
Viscosity mPa.s	110	20	Gel	300
Especially for	Porous Substrates	Plastics	Porous Substrates	Metal/Plastics
Pack Sizes:				
20 g	●	●	●	●
500 g	●	●		●

[1]on steel

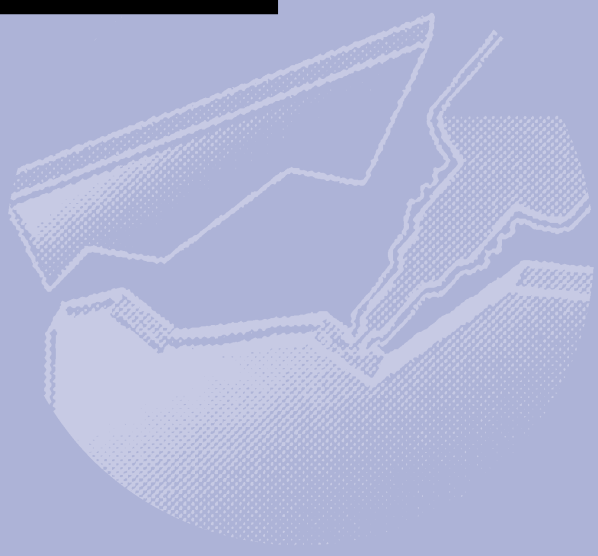
Application Examples

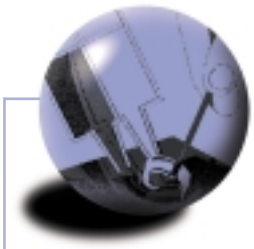
Loctite 454
General purpose gel for bonding metals, composite materials, wood, cork, foam, leather, card, paper, plaster and unglazed ceramics. Recommended for use on vertical or overhead surfaces.

Loctite 401
General purpose for bonding most substrates such as plastics, rubber, metals, card, wood.

Loctite 480
Black, rubber toughened grade for bonding metal to metal and metal to rubber; especially suitable with applications where high peel strength is required and/or shock loads are present.

Loctite 406
Rapid bonding of rubbers (including EPDM), plastics and elastomers, when used with Loctite 770 Polyolefin Primer bonds “difficult to bond” plastics and rubbers e.g. polyethylene, polypropylene, PTFE and thermoplastic rubbers such as Santoprene®.



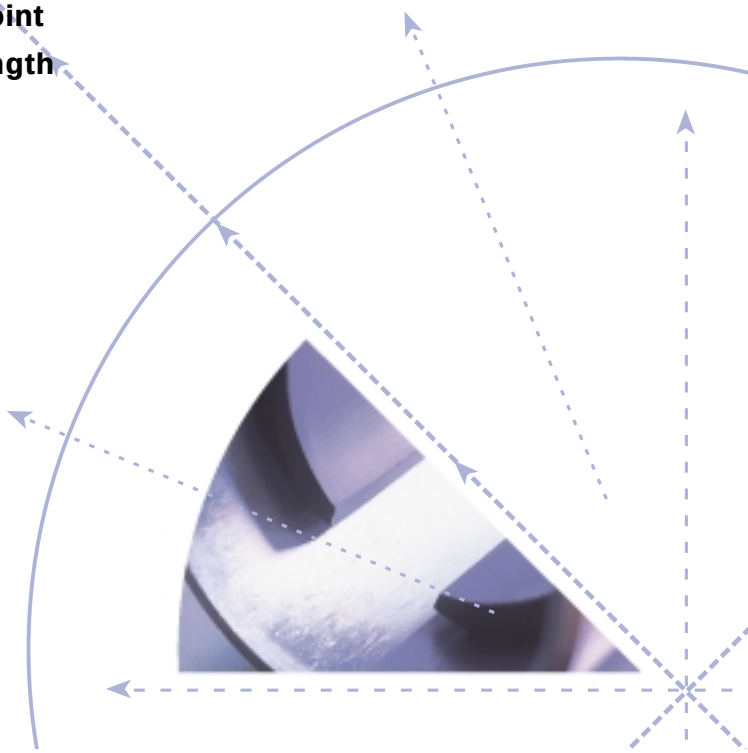


Structural Bonding

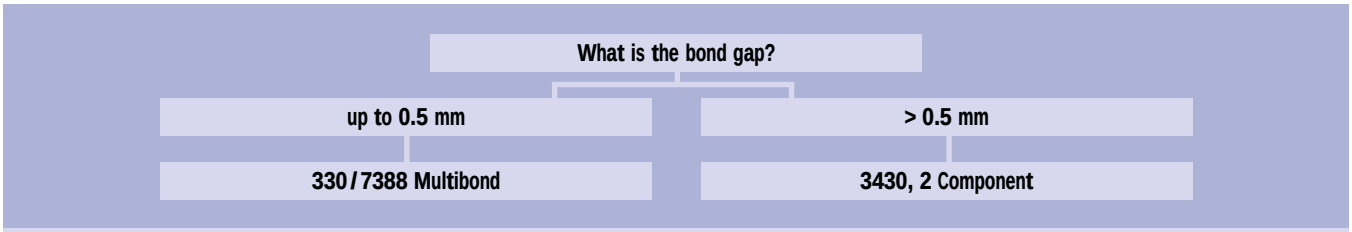
Bonding Structural Assemblies

Assembling components with structural adhesives can offer significant advantages over traditional mechanical or thermal methods, such as bolts, rivets, welding or brazing.

- **Loctite's structural adhesives are especially designed for bonding a wide variety of materials to themselves and each other such as wood, metals, hard plastics and glass**
- **Provide a tough and resilient joint**
- **Have high shear and peel strength**



Selecting the Correct Structural Bonding Grade



Handy Hints:

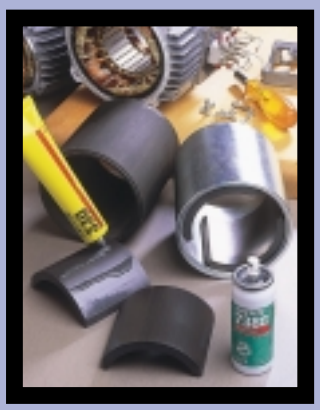
- All parts must be clean & dry before bonding – use Loctite 7063
- If the parts have been in contact with washes or cutting fluids containing nitrites, wash with hot water.

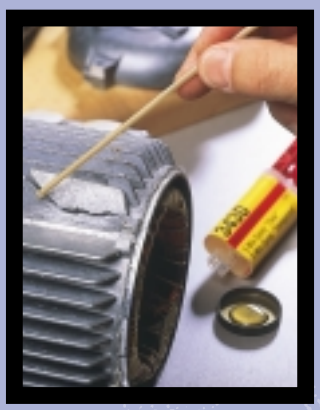
Technical Summary

Product	330 / 7388	3430
Operating Temperature	Up to 100 °C	
Paintable	No	Yes
Max. Gap	Up to 0.5 mm	Up to 3 mm
Cure Method	Activator 7388	2 component
Fixture Time	< 5 min.	< 5 min.
Consistency	Gel	Thick Liquid
Especially for	metal, plastics and glass	Porous materials / High gap fill
Pack Sizes:		
50 ml/18 ml kit	●	
300 ml Cartridge	●	
Syringe 2 x 24 ml		●

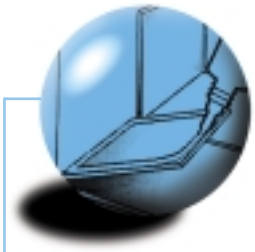
Application Examples

Loctite 330/7388
Multibond 50 ml Kit
Two part no mix fast curing toughened adhesive with good solvent, moisture, impact resistance, and good peel strength. Recommended for metal to metal bonding applications.





Loctite 3430
General purpose 5 minute two part mix adhesive for bonding rigid parts. Recommended for repairing broken castings and other parts where large gap filling may be required, or the ability to bond porous substrates.

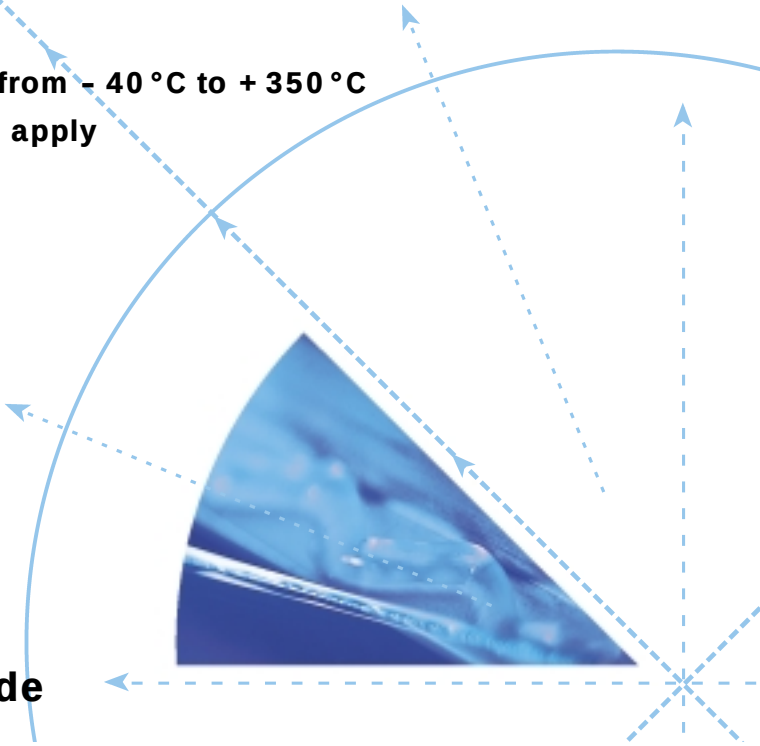


Sealing

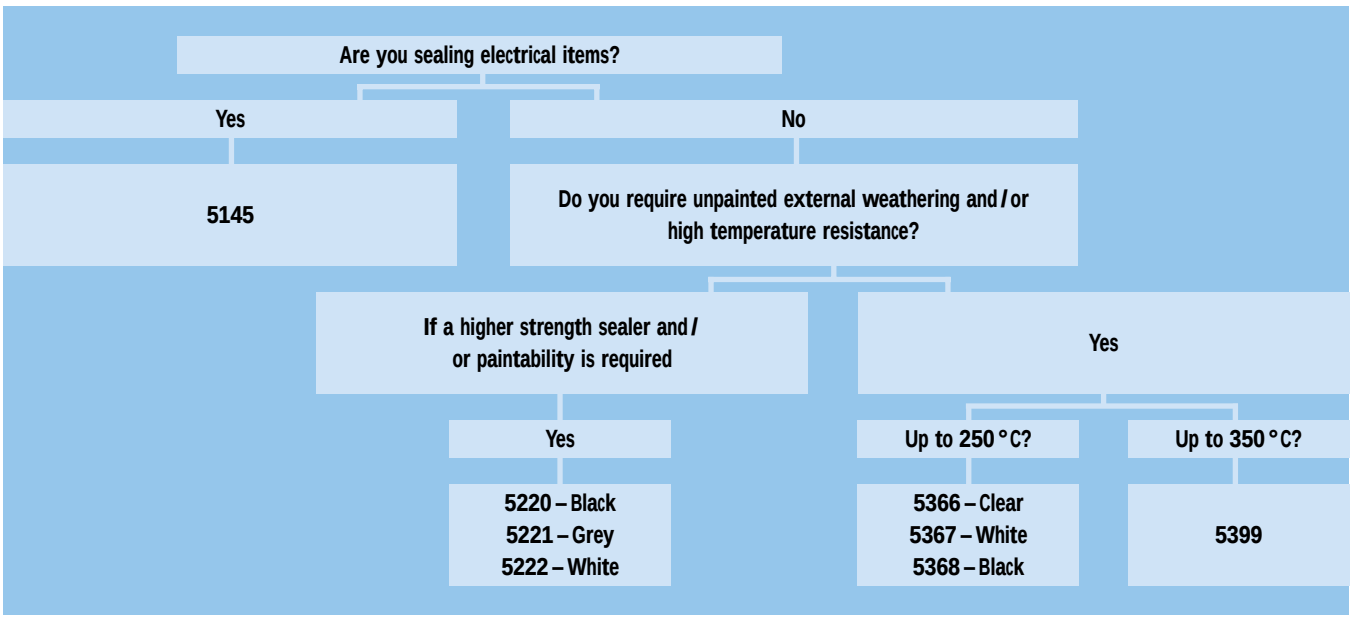
Loctite flexible adhesive/sealants are suitable for a wide range of different sealing and bonding applications that include high temperatures sealing of electrical components and general purpose sealing and bonding.

Products in this range:

- **Withstand impact shock and twisting forces**
- **Resist thermal expansion and contraction as well as vibration**
- **Have very good gap fill**
- **Are suitable for temperatures from – 40 °C to + 350 °C**
- **Single part – clean and easy to apply**
- **Good weathering resistance**



Selecting the Correct Sealing Grade



Technical Summary

Product	5220	5221	5222	5366	5367	5368	5145	5399
Operating Temperature	Up to 80 °C			Up to 250 °C			Up to 200 °C	Up to 350 °C
Paintable	Yes			No			No	No
Cure Method	Moisture			Moisture			Moisture	Moisture
Skin Over time	70 min.			5 min.			120 min.	5 min.
Viscosity mPa.s	Paste							
Especially for	Flexible, Medium Strength Bonds			Windows, heat source sealing			Electrical components	Oven door seals
Colour	Black	Grey	White	Clear	White	Black	Translucent	Red
Pack Sizes:								
300 ml	●	●	●	●	●	●	●	●

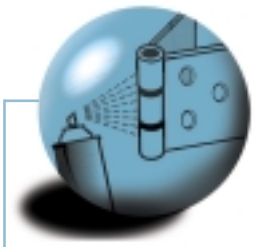
Application Examples

Loctite 5220/5221/5222 Flexible Adhesive/ Sealant
Remain flexible from – 40 °C to + 80 °C, paintable, with good chemical resistance. Recommended for floor/roof bonding, side wall panelling, and for bonding materials with different coefficients of thermal expansion and direct glazing.

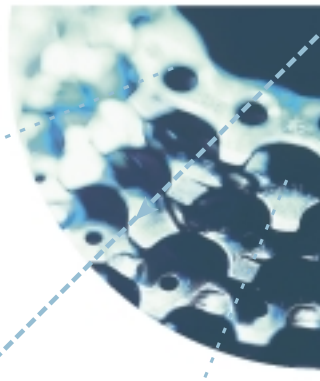
Loctite 5366/5367/5368 Flexible Adhesive
Cures to a flexible rubber and remains flexible from – 60 °C up to + 250 °C. Recommended for bonding, sealing and protecting components subjected to sudden and/or continuous shock, constant vibration, twisting, flexing, thermal expansion and contraction. Suitable for glass, metal, ceramics, composites, and most plastics.

Loctite 5145 Flexible Non-Corrosive Electrical Grade Adhesive/Sealant
Low odour, neutral cure that does not corrode electrical and electronic components. Recommended for the bonding, sealing and coating of electrical items.

Loctite 5399 Flexible High Temperature Adhesive/Sealant
Suitable for bonding and sealing glass, metal, and ceramics. Designed primarily for industrial sealing/bonding applications where temperature can reach 350 °C, e.g. sealing of stove flues/ chimneys, industrial ovens, electro-appliances and ventilation systems.



Lubricants & Surface Treatment



Loctite offers a range of specialist lubricants and surface treatment products. This new, advanced range includes organic, mineral and synthetic based products that meet the requirements of industrial applications.

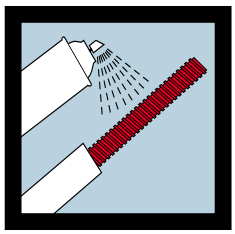
Assembly Pastes/Anti-Seize

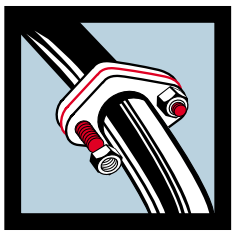
The Loctite range of assembly pastes prevents seizing during assembly and inhibits corrosion of parts that are exposed to aggressive conditions and extreme temperatures.

Application Examples

Loctite 8150/8151
Aluminium Anti-Seize
- Ideal for static and slow moving assemblies
- Withstands high loads
- Resists temperatures up to 900 °C

APPLICATIONS: Threads, lead-screws, hinges etc.



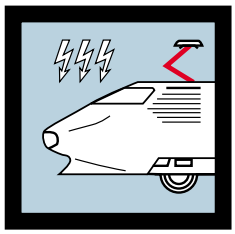


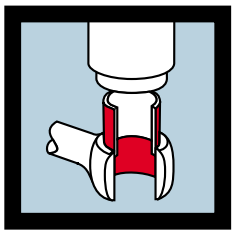
Loctite 8153/8156
Metal free Anti-Seize
- Ideal for static and slow moving assemblies
- Temperature resistance:
  Loctite 8153: 700 °C
  Loctite 8156: 900 °C
- Use on non-ferrous metals

APPLICATIONS: Threads, lead-screws, pivots, where a metal free product is required.

Loctite 8152
Copper paste Anti-Seize
- Ideal for static and slow moving assemblies
- Resists arcing
- Resists temperatures up to 1100 °C

APPLICATIONS: Electrical contacts, switches and isolators





Loctite 8154/8155
MoS_2 Assembly paste
- Ideal for static and slow moving assemblies
- Prevents press fits from galling
- Temperature resistance up to 450 °C
- Reduces risk of wear at start up

APPLICATIONS: Assembly of precision components such as bearings, gears and bushes on to shafts.

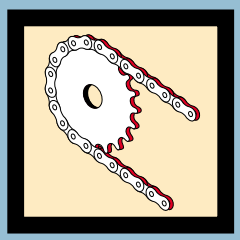
Greases

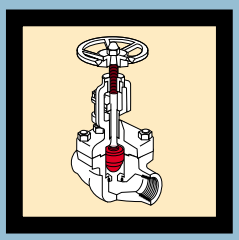
Loctite greases are made of mineral or synthetic oil with a thickening agent, e.g. lithium soap or inorganic material such as silica gel. The use of additives expands the properties of this range to protect against corrosion, oxidation and to withstand high temperatures and extreme pressures.

Application Examples

Loctite 8101
Chain lubricant
- Chain lubricant with high anti-fling properties
- Water resistant
- Resists temperatures up to 170 °C

APPLICATIONS: Lubrication of open mechanisms such as chains and gears.



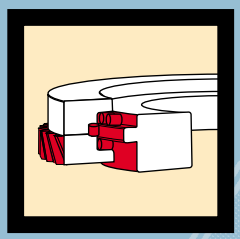


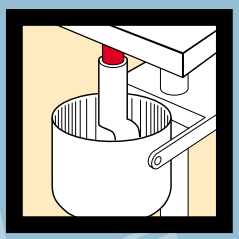
Loctite 8104
Food approved silicone grease
- High temperature resistance (up to 200 °C)
- Food approved (FDA listed ingredients for USDA category H1 and CNERNA Guide 1992)

APPLICATIONS: Lubrication of most elastomeric and plastic parts. Suitable for valves and seals in food processing environments and under wet conditions.

Loctite 8102
High performance grease
- High temperature resistance (up to 200 °C)
- Withstands high loads at medium and high speeds
- Can be used in humid conditions

APPLICATIONS: Lubrication of rolling and plain bearings, open gears under heavy loads and slideways.



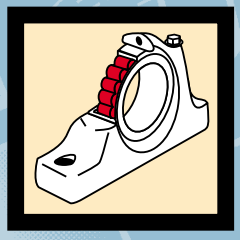


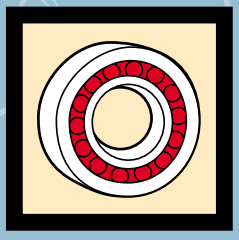
Loctite 8105
Food approved mineral grease
- Resists temperatures up to 150 °C
- Food approved (FDA listed ingredients for USDA category H1 and CNERNA Guide 1992)
- Suitable for the pharmaceutical industry

APPLICATIONS: Lubrication of rolling and plain bearings, open gears and slideways.

Loctite 8103
MoS_2 grease
- Withstands high loads at all speeds, shock loads and vibration
- Good temperature resistance (up to 150 °C)

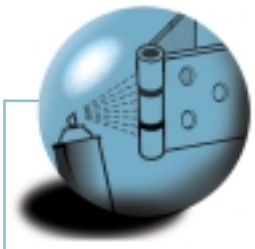
APPLICATIONS: Lubrication of cylindrical taper roller bearings, plain bearings, splined shafts, leadscrews and slideways.





Loctite 8106
Multi-purpose grease
- Ideal for general purpose use
- Resists temperatures up to 150 °C

APPLICATIONS: Lubrication of rolling and plain bearings, open gears and slideways.

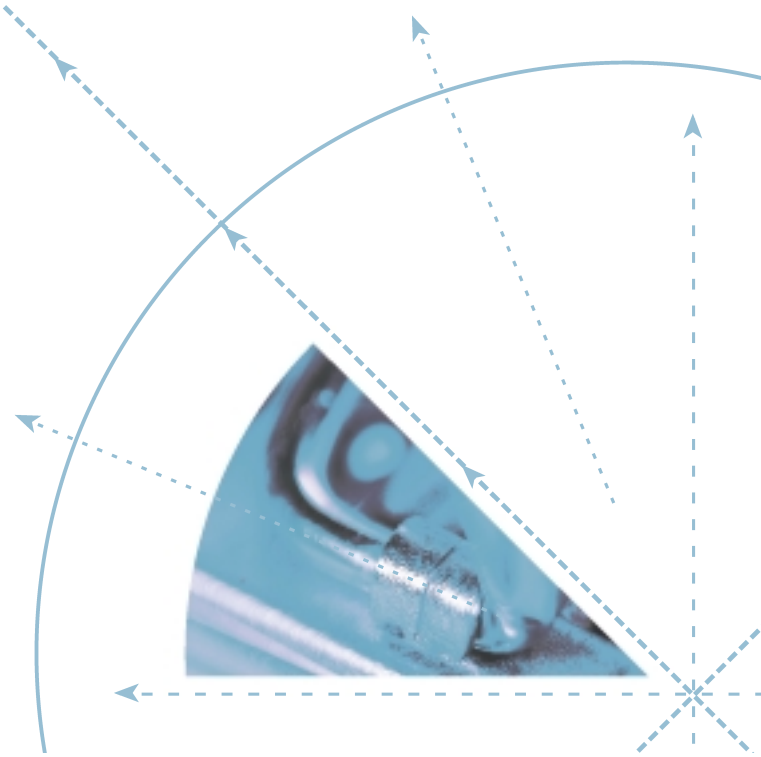


Lubricants & Surface Treatment

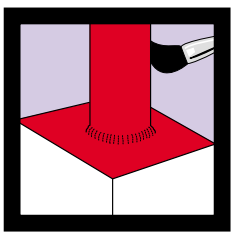
Surface Treatments

Loctite surface treatment products cover prevention of corrosion of equipment during storage, freeing of seized parts for stripping down, and conversion of rust into a stable paintable base.

Application Examples



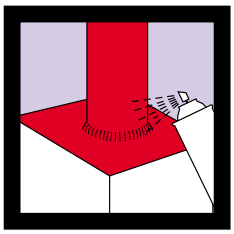
Loctite 7500
Rust Treatment



- Converts existing rust into a stable base. Cured product acts as a primer ready for painting
- Single component, biodegrabable, non-toxic, non-irritant and non flammable
- Protext surfaces against new rust

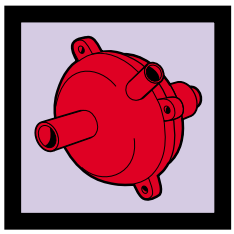
APPLICATIONS: Areas of rust on metal pipes, valves, fittings, storage tanks, fences, guard rails, conveyors, supports as well as heavy automotive, construction and agricultural equipment i.e. trucks, diggers, etc.

Loctite 7800
Zinc spray



- Provides excellent cathodic protection on ferrous metals
- Resists temperatures up to 550 °C
- Can be used as a primer prior to painting

APPLICATIONS: Long term protection of metal assemblies. Especially suitable for protecting welds from corrosion on galvanised parts.



Loctite 7801
Aluminium spray

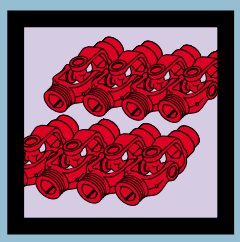
- Provides protection against corrosion
- Resists temperatures to up 550 °C
- High quality finish

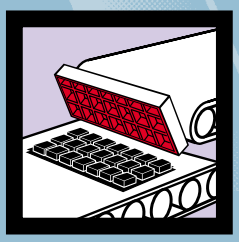
APPLICATIONS: For finishing and touching-up metal parts after welding or machining.

Application Examples

Loctite 7802
Varnish spray
- Provides long term protection
- Resists temperatures up to 80 °C
- Easy to remove with most solvents

APPLICATIONS: Protection of spare parts, cutting tools etc. during storage.



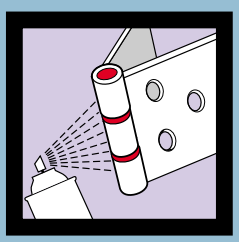


Loctite 8192
PTFE coating
- Resists temperatures up to 260 °C
- Food approved (FDA listed ingredients for USDA category H1 and CNERNA Guide 1992)
- Dry clear film lubrication

APPLICATIONS: Dry lubrication of moving parts to reduce friction and wear. Ideal for use on conveyor belts, slideways and cams, particularly in the food processing industry.

Loctite 7803
Metal protection coating spray
- Non drying, tack free coating
- Provides long term corrosion protection
- Compatible with most plastics and elastomeric materials

APPLICATIONS: Long term protection of metal assemblies such as moulds, machines and outdoor installations.

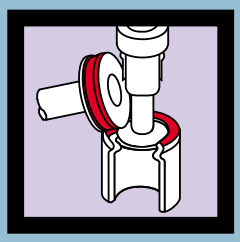


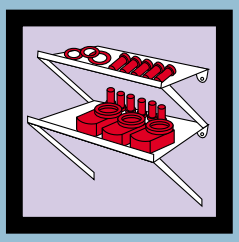
Loctite 8201
Five way spray
- Frees, lubricates, cleans
- Displaces moisture
- Prevents corrosion

APPLICATIONS: Light lubrication of metals and most plastic materials. Ideal for freeing seized or corroded parts e.g. bolts, nuts, hinges etc.

Loctite 8191
MoS_2 anti-friction coating
- Resists temperatures up to 450 °C
- Dry-film lubrication
- Protects surfaces from fretting and corrosion
- Enhances the performance of oils and greases

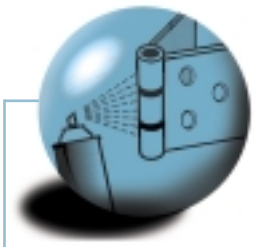
APPLICATIONS: Dry lubrication of moving parts to reduce friction and wear. Ideal for use on cams, gears, slideways and stamping tools.



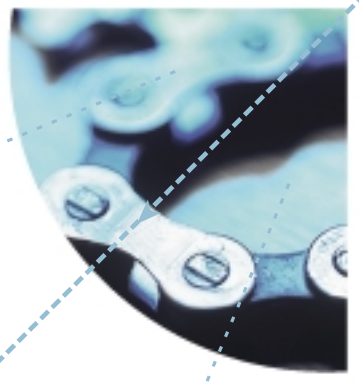


Loctite 8202
Metal protection oil spray
- Non drying film
- Prevents corrosion

APPLICATIONS: Protection of machined parts, tools, moulds, equipment etc. during storage.



Lubrication & Surface Treatment



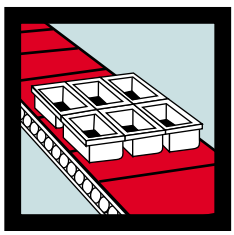
Oils

This range of oils is especially designed for lubricating industrial machinery.

Application Examples

Loctite 8001
Food approved mineral oil
- Resists temperatures up to 120 °C
- Suitable for food and pharmaceutical industries
- Food approved (FDA listed ingredients for USDA category H1 and CNERNA Guide 1992)

APPLICATIONS: Lubrication of chains, conveyors and open mechanisms.

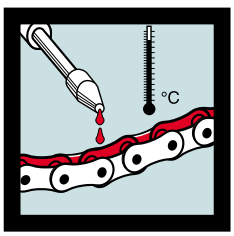


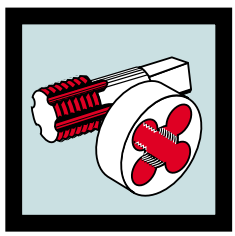
Loctite 8021
Food approved silicone oil
- Resists temperatures up to 200 °C
- Food approved (FDA listed ingredients for USDA category H1 and CNERNA Guide 1992)
- Ideal for plastics and elastomers

APPLICATIONS: Lubrication of conveyor belts and plastic guides.

Loctite 8011
High temperature synthetic oil
- Resists temperatures up to 250 °C
- Food approved (FDA listed ingredients for USDA category H1 and CNERNA Guide 1992)

APPLICATIONS: Lubrication of chains, conveyors and open mechanisms particularly in high temperature environments.





Loctite 8030/8031
Cutting oil
- Protects cutting tools in operation
- Increases tool life
- Improves cutting performance
- Ideal for use with stainless steel

APPLICATIONS: For use when drilling, sawing or tapping steel and most non-ferrous metals. Especially suited for stainless steel.

Ordering Information

Assembly Pastes / Anti-Seize

Product	Description	75 ml tube	250 ml can	400 ml aerosol	400 gm cartridge	500 gm can	1lt can
8150	Aluminium anti-seize					●	
8151				●			
8152	Copper paste anti-seize						●
8153	Metal free anti-seize			●			
8156						●	
8154	MoS_2 Assembly paste			●			
8155							●

Greases

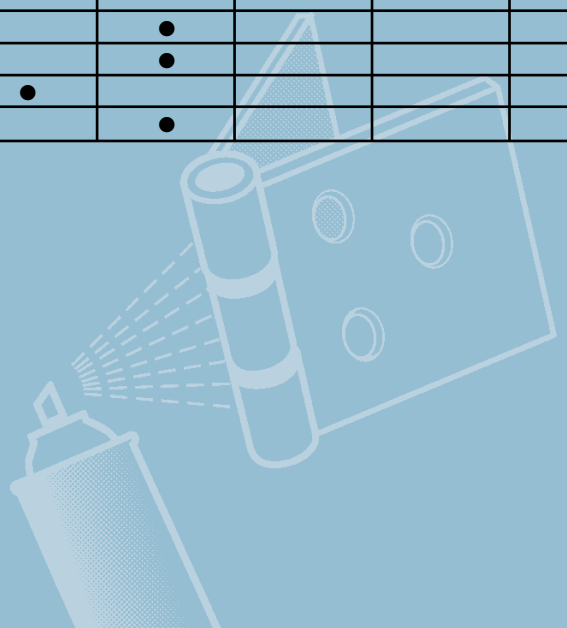
Product	Description	75 ml tube	250 ml can	400 ml aerosol	400 gm cartridge	500 gm can	1lt can
8101	Chain lubricant			●			
8102	High performance grease				●		●
8003	MoS_2 Grease				●		●
8104	Food approved silicone grease	●					●
8105	Food approved mineral grease				●		●
8106	Multi-purpose grease				●		●

Surface Treatments

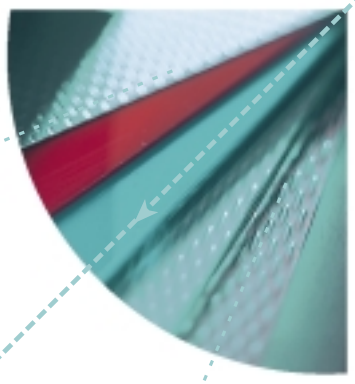
Product	Description	75 ml tube	250 ml can	400 ml aerosol	400 gm cartridge	500 gm can	1lt can
7500	Rust treatment						●
7800	Zinc spray			●			
7801	Aluminium spray			●			
7802	Varnish spray			●			
7803	Metal protection coating			●			
8191	MoS_2 Anti-friction coating			●			
8192	PTFE Coating			●			
8201	Five Way Spray			●			
8202	Metal Protection Oil Spray			●			

Oils

Product	Description	75 ml tube	250 ml can	400 ml aerosol	400 gm cartridge	500 gm can	1lt can
8001	Food approved mineral oil			●			
8010	High temperature synthetic oil						
8011				●			
8021	Food approved silicone oil			●			
8030	Cutting oil		●				
8031				●			

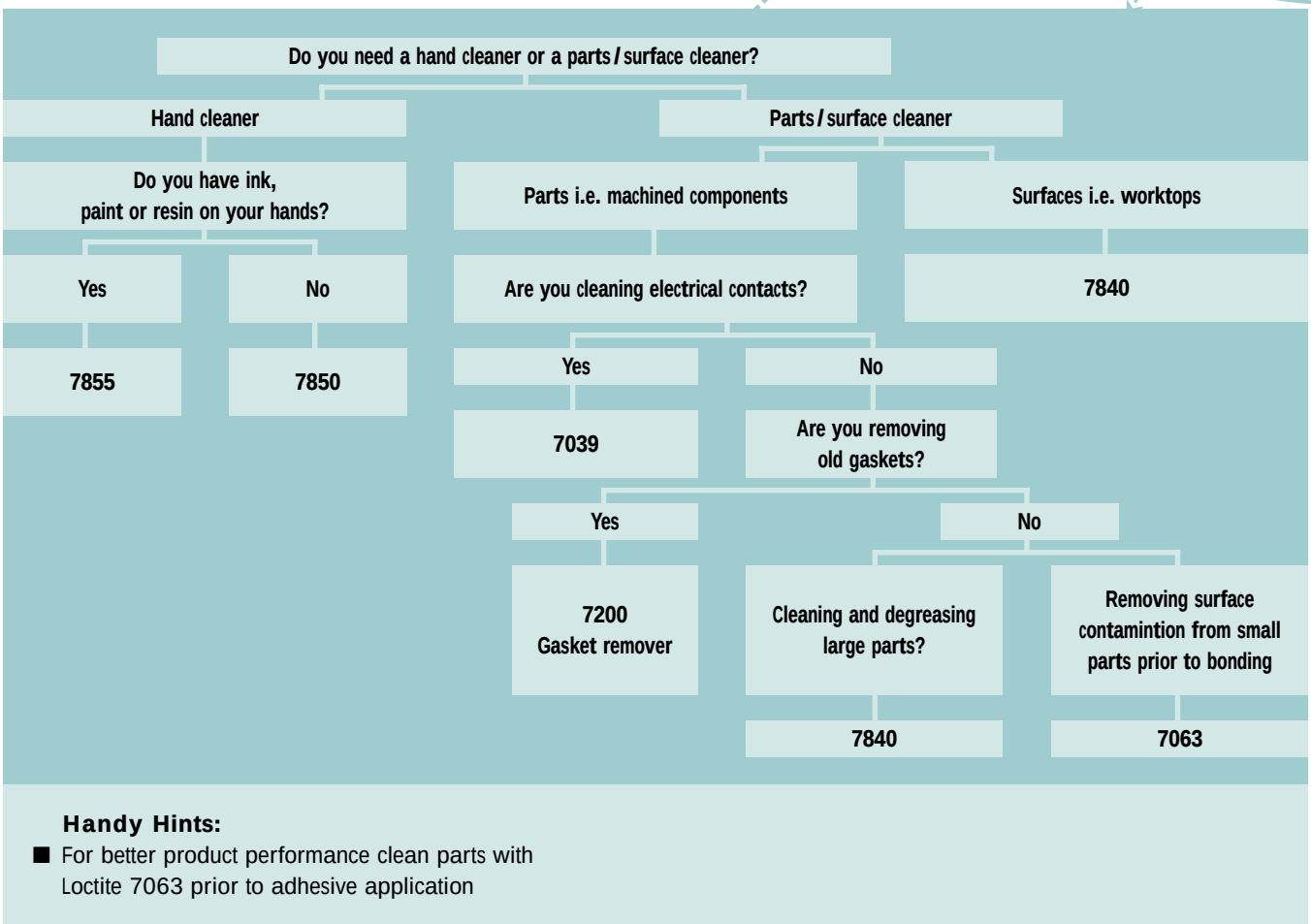


Cleaning



Loctite has a broad range of cleaning products for a variety of applications, from hand cleaning to removing gaskets from industrial machinery to general cleaning. All Loctite cleaners have zero ozone depletion potential.

Selecting the Correct Cleaner



Handy Hints:

- For better product performance clean parts with Loctite 7063 prior to adhesive application

Ordering Information

Product	Pack Sizes
7840 Cleaner and Degreaser	750 ml trigger spray, 5 lt can, 20 lt or 200 lt drum
7850 Hand Cleaner	400 ml bottle or 3 lt pump dispenser
Loctite 7855	400 ml bottle or 1.75 lt pump dispenser
Loctite 7200 Gasket Remover	400 ml aerosol
7039	400 ml aerosol
7063	400 ml aerosol, 10 lt can, 200 lt drum

Application Examples

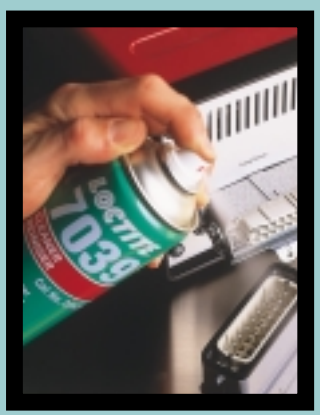
Loctite 7840
Cleaner & Degreaser
- Biodegradable, solvent free, non-toxic and non flammable
- Can be diluted with water
- Rated USFA-C1

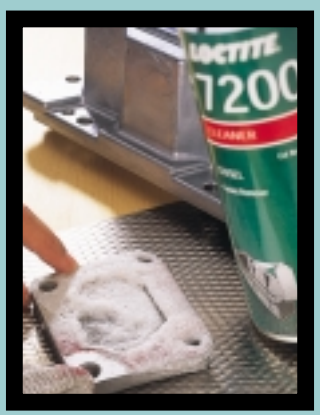
Removes grease, grime, oil, soot, cutting fluids, mildew, stains, light carbon, animal fat, polishing compounds and ink.

Loctite 7063
- Leave no residue-ideal for use prior to adhesive bonding and sealing applications
- Non water based-reduce risk of corrosion
- Compatible with metal, glass, rubber, most plastics and painted surfaces

Loctite 7039
Contact cleaner spray
- Does not affect insulating varnishes
- Displaces moisture
- Forms water repellent film

For cleaning electrical contacts, relays, switchgear etc.





Loctite 7200
Gasket Remover
- Prepares metal parts for new gaskets/sealants
- Eliminates scraping and sanding, preventing damage to components

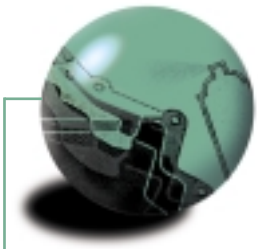
Removes cured gasket sealants and traditional gaskets from most types of surfaces in 10 to 15 minutes

Loctite 7855
Paint & Resin
Removing Hand Cleaner
- Biodegradable, non-toxic and non-flammable
- Contains premium skin conditioners

Removes stains, varnish, lacquer, urethane adhesives and paints, resins, clear coats, body fillers, primers, oilbased paints, enamel, silicones.

Loctite 7850
Hand cleaner
- Natural hand cleaner made from citrus extracts and free from mineral oils
- Contains premium skin conditioners
- Biodegradable
- Works with or without water

Removes ground-in dirt, grease, grime, and oil



Activators & Primers

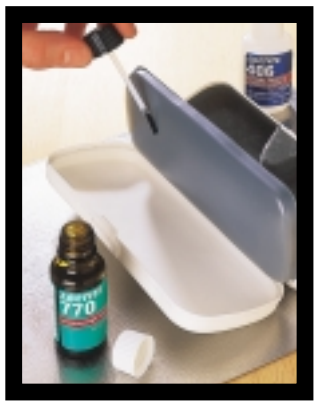
Loctite activators increase the speed of cure of Loctite thread locking, thread sealing, retaining, gasketing products and instant adhesives. They are also recommended for use in cold conditions (under 5 °C) and for large gap filling applications. Primers improve adhesion on difficult to bond materials

Application Examples

Loctite Activator 7471
Increasing cure speed on passive materials i.e. stainless steel, aluminium plated or coated materials

Loctite Activator 7455
Increasing speed of cure & post-assembly for curing instant adhesive outside the bond line

Loctite Activator 7649
Increasing the cure through volume of 660 & increasing cure speed on metal and passive materials



Loctite Primer 770
Bonding "difficult to bond" materials i.e. polypropylene, polyethylene, PTFE & thermoplastic rubbers such as santoprene

Loctite Primer 7251
Bonding/sealing plastics, painted materials & wood

Loctite Primer 7252
Bonding/sealing glass & glazed materials

Loctite Primer 7253
Bonding/sealing bare metallic materials

Ordering Information

Product Used	Activator/Primer Required	Pack sizes
222, 243, 290, 542, 577, 603, 638, 648, 2701, 5205, 5208	Activator 7471	150 ml aerosol 500 ml can
401, 406, 454, 480	Activator 7455	150 ml aerosol 500 ml can
660	Activator 7649	150 ml aerosol 500 ml can
406	Primer 770	10 gm 300 gm
5220, 5221, 5222	Primer 7251	25 ml 200 ml
	Primer 7252	
	Primer 7253	

Repair & Dispensing

Repair & Dispensing Equipment

Loctite repair products enable parts to be fixed when and where they are needed. Loctite dispensing equipment is especially designed to make application and use of Loctite products economical, fast, precise, and clean.

Application Examples

REPAIR

Loctite O-Ring Kit

- Saves disassembly. Eliminates the need for an inventory of different sized O-rings
- Joints resist water/oil and are as strong as the rubber itself
- Kit contains: 7 standard diameter sizes of nitrile cord, splicing jig, safety knife and Loctite 406 instant adhesive

Loctite 3450 Metal Set Syringe

- Can be drilled, tapped, filed, machined and painted within 1 hour
- The small hand-held dual syringe gives automatically the right mixture
- Excellent resistance to industrial liquids & solvents

APPLICATIONS: Repairing of components made from metals, ceramics, porcelain and concrete.

DISPENSING

Loctite Peristaltic hand gun

- Mounts easily on the top of any Loctite 50 ml or 250 ml red or yellow bottle
- Provides greater dispensing control
- The system consists of: Hand-held applicator, instruction manual, assortment of needles and a kit of spare components

Loctite Formula Eco

It is a compact, stand alone, refillable aerosol system.

- Approved for use with Loctite 7063 and 7070 cleaners and 8201 5-Way spray
- Uses a built-in ozone friendly CO_2 propellant source – requires no separate supply