



LOCTITE®

MAINTENANCE, REPAIR AND OVERHAUL WALL CHART

THREADLOCKING		LOCTITE® 2400 Threadlocking Adhesive - medium strength.No hazard symbols, no risk phrases on SDS. Suitable for all metal threaded assemblies.	Application examples: <i>Prevents loosening on vibrating assemblies e.g., pumps, gearboxes or presses.</i>	Approval NSF Reg No. 166639 Category Code S6 WRAS approval No. 1911507	
		LOCTITE® 2700 Threadlocking Adhesive - high strength. Permanent locking. No hazard symbols, no risk phrases on SDS. Suitable for all metal threaded assemblies.	Application examples: <i>High strength threadlocking</i>	Approval NSF Reg No. 166640 Category Code S6 WRAS approval No. 1911504	
INSTANT ADHESIVE		LOCTITE® 401 A surface-insensitive, fast-fixturing instant adhesive that provides high shear strength on a wide range of materials, including difficult-to-bond substrates.	Application examples: <i>Plastics, rubber, metals, card and wood.</i>	Approval NSF Reg No 123011 Category Code P1	
STRUCTURAL BONDING		LOCTITE® AA 330 This no-mix, acrylic-based adhesive is ideal for metal-to-metal bonding as well as bonding dissimilar substrates like PVC, phenolic and acrylic compounds.	Application examples: <i>For metal to metal bonding applications.</i>	Approval NSF Reg No. 123005 Category Code P1	
GASKETING		LOCTITE® 518 This general purpose, semi-flexible anaerobic-curing gasketing product is ideal for sealing close fitting, rigid machine flanges made of aluminum, iron or steel.	Application examples: <i>Recommended for use on rigid iron, steel and aluminum flanges.</i>	Approval NSF Reg No. 123758 Category Code P1	
SEALING		LOCTITE® 577 Medium strength, thixotropic, general purpose thread sealant for straight-to-straight and straight-to-taper threaded fittings. Fills the space between threaded parts and seals and locks at the same time. (Needs to be used with SF7649 activator - only for WRAS approval).	Application examples: <i>Medium-strength, general purpose thread sealant for sealing metal threads</i>	Approval NSF Reg No. 123001 Category Code P1 WRAS approval No. 2003511 (approval with 7649)	
		LOCTITE® 567 This low strength, high-viscosity thread sealant is ideal for tapered, coarse threads. It's specially formulated to offer easy assembly and removal.	Application examples: <i>Thread sealing on stainless steel.</i>	Approval NSF/ANSI/CAN 61	
		LOCTITE® 55 Thread Sealing Cord - immediate full pressure sealing. Allows reliable re-adjustments.	Application examples: <i>General purpose thread sealant for a quick, easy and reliable seal, re-adjustment possible.</i>	Approval WRAS Approval No. 2303519 NSF/ANSI/CAN 61	
		LOCTITE® SI 5699 Highly flexible, moisture-cure silicone sealant with excellent oil and water-glycol resistance. For rigid flange sealing, for example on transmissions and cast metal housings.	Application examples: <i>Used for sealing all types of flanges. Machined or cast surfaces, metal or plastic.</i>	Approval NSF Reg No. 122998 Category Code P1	
RETAINER		LOCTITE® 638 Designed for bonding cylindrical fitting parts, particularly with narrow bond gaps up to 0.25mm (0.01"). Great for a fast cure on all metals, including passive substrates like stainless steel.	Application examples: <i>Retaining of bearings and cylindrical parts, fixing of rotors, gears, sprockets & pulleys on shafts.</i>	Approval NSF Reg No. 123010 Category P1 WRAS Approval No. 2312562	
LUBRICANT		LOCTITE® LB 8014 White, metal-free, food grade lubricant and anti-seize made from white oil and extreme pressure (EP) additives.	Application examples: <i>Prevents friction, seizing and galling in stainless steel and other metal parts.</i>	Approval NSF Reg No. 123004 Category Code H1	
EPOXY		LOCTITE® EA 3463 This 2-part, steel-filled epoxy repair putty is easy to use and stops leaks in pipes and tanks, fills oversized bolt holes, smooths welds, and repairs non-structural defects in castings or holes in tanks.	Application examples: <i>For emergency repair of tanks, pipes and castings</i>	Approval NSF/ANSI/CAN 61	



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The Water Regulations Approval Scheme is an independent UK certification body for plumbing products and materials, helping business and consumers choose compliant products that keep water safe.
Gaining approval from WRAS, the Water Regulations Approval Scheme, is an easy way to demonstrate compliance with water fittings regulations. We certify plumbing products and materials in the UK following rigorous tests in accredited laboratories - and consumers trust us.



CONTACT US



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Henkel Adhesive Technologies

IMPROVING PUMP RELIABILITY



Prevent rust and seizure of power end bolts with **LOCTITE® LB 8023**
Marine Grade Anti-Seize



Prevent fretting corrosion while securing bearings with **LOCTITE® 638 Retaining Compound -**
WRAS approval number 8312562



Make any size gasket with **LOCTITE® 5800* Flange Sealant**
WRAS approval number 1911508



Prevent set screws from working loose with:
LOCTITE® 222 low strength - General use
LOCTITE® 243 medium strength - General use
LOCTITE® 2400* medium strength
WRAS approval number 1911507



Lock and seal housing bolts to prevent leakage between oil seals and housing:
LOCTITE® 248 medium strength - General use
LOCTITE® 243 medium strength stick - General use
LOCTITE® 2400* medium strength
WRAS approval number 1911507



Seal threaded fittings with
LOCTITE® 577 medium strength - General use
WRAS approval number 2003511 (When used with LOCTITE SF 7649)
LOCTITE® 5400* medium strength
WRAS approval number 1911512

Other Loctite Repair Products Recommended for Pump Overhaul & Other WRAS Required Repairs

Product Name	WRAS Approved	Certificate no.	Product Used For	Features
LOCTITE 55	Yes	2303519	Thread Sealant	Thread sealing, non-curing multiphrament cord that seals out water, gas and most industrial oils and allows for post assembly adjustments without shedding or loss of pressure
LOCTITE 542	Yes	2104538	Thread Sealant	Sealant for hydraulic oils with fine threads as used in hydraulic, pneumatic & general fittings
LOCTITE SI 5331	Yes	2302537	Thread Sealant	Silicone sealant for plastic and metal carrying hot or cold water
LOCTITE SF770	Yes	2012576	Surface Bonding Primer	Polyaden primer for surface preparation and is ideal for use with difficult-to-bond plastics which include polyethylene, polypropylene, polyesterfluorethylene (PTFE) and thermoplastic rubber materials
LOCTITE 403	Yes	1910522	Instant Adhesive	Superglue for bonding rubber & plastic parts low bloom, low odour
LOCTITE 326 & 7649	Yes	2203521	Magnet Bonder	LOCTITE® AA 326 is a yellow to amber, no-mix, structural and magnet bondler. It has good adhesion to different types of ferrites, a fixture time of 3 minutes and a shear strength of 15 N/ mm²
LOCTITE 648	Yes	2311546	Retaining Compound	LOCTITE 648 is a low viscosity, high strength retaining compound with high temperature resistance and low shrinkage. Ideal for retention of parts with a clearance or interference fit.
LOCTITE 6300	Yes	1911509	Retaining Compound	Retaining Compound - high strength. White material safety data sheet, no blooding. LOCTITE® 6300 is designed for the bonding of cylindrical fitting parts
LOCTITE SF 7640	No	-	Universal Cleaner - Biodegradable	Biodegradable solvent free, non-toxic & non-flammable. Can be diluted with water to adjust for heavy, mid or light cleaning of equipment and parts
LOCTITE SF 7063	No	-	General Purpose Cleaner - Solvent based	Cleaner / degreaser used to clean parts prior to bonding or maintenance, leaves no residue with fast evaporation
LOCTITE 7515	No	-	Flash Rust Prevention	Pre-treatment to prevent flash rusting & improve adhesion of polymer composite coatings
LOCTITE 7255	Yes	240455029	Sprayable Ceramic Coating	Sprayable ceramic coating with high wear resistance & low friction which reduces energy consumption during operation

Keep mounting bolts secure with
LOCTITE® 270 high strength - General use
LOCTITE® 2700* high strength
WRAS approval number 1911504



Prevent corrosion and secure casing bolts and adapter bolts with
LOCTITE® 243 medium strength - General use
LOCTITE® 2400* medium strength
WRAS approval number 1911507



Seal and lock drain screws with
LOCTITE® 577 medium strength
LOCTITE® 5400* medium strength
WRAS approval number 1911512



Prevent corrosion and seizure of gland assembly nuts, and seizure of the impeller to the shaft with **LOCTITE® LB 8023**
Marine Grade Anti-Seize



Prevent corrosion in pump housing and on impeller vanes; restore surface after wear and cavitation with **LOCTITE® PC 7255**
WRAS approval number 240455029



Rebuild and protect worn volutes with **LOCTITE® PC 7218, brushable ceramic-filled 2K epoxy**



Protect pump against chemical attack and erosion with **LOCTITE® PC 7117, brushable 2K epoxy**

