

APPLICATION	SOLUTION	Strength / Colour	FEATURES	Recommended Primer	Size of Thread	Temperature Resistance
<b>Threadlocking</b> For nuts, bolts and threaded parts. To prevent unwanted movement, loosening, leaks and corrosion. Resists vibration.	<b>Loctite® 222 SUPER SCREW LOCK</b>	Low	• Removable grade – Disassembly with normal tools	7471	Up to M36	150°C
	<b>Loctite® 243 SUPER NUT LOCK</b>	Medium	• General purpose with improved oil resistance • Disassembly with normal tools	7471	Up to M36	180°C
	<b>Loctite® 263 SUPER STUD LOCK</b>	High	• General purpose with improved oil resistance. • Disassembly with direct heat	7649	Up to M36	180°C
	<b>Loctite® 272</b>	High	• High Temperature • Disassembly with direct heat • Outstanding chemical resistance	7471	Up to M36	232°C
	<b>Loctite® 277</b>	Very High	• High Strength / Chemical resistance • Disassembly with direct heat • Military Specification Mil-S-46163A	7649	Up to M36	150°C
	<b>Loctite® 290 WICK-IN / AFTER LOCK</b>	Medium / High	• Wicking grade for preassembled fasteners • Porosity sealing capabilities (welds, castings)	7649	Up to M12	150°C

APPLICATION	SOLUTION	Strength / Colour	FEATURES	Recommended Primer	Gap Filling	Temperature Resistance
<b>Retaining</b> 100% Contact, prevents corrosion and fretting. Recommended for retaining shafts, gears, pulleys, sprockets, sleeves, pins bushes and couplings.	<b>Loctite® 641 BEARING MOUNT</b>	Medium	• Ideal for cylindrical parts that require disassembly • Excellent chemical resistance • Improved heat transfer	7649	Up to 0.2mm	150°C
	<b>Loctite® 609</b>	Medium	• Excellent load transmission capabilities • Tested and approved for use on bearings • Dismantles with press or pullers	7471	Up to 0.2mm	150°C
	<b>Loctite® 620 HIGH TEMPERATURE</b>	High	• Seals reliably valve seats and inserts in heavy duty applications • Excellent heat aging characteristics • Dismantles with press or pullers	7649	Up to 0.25mm	230°C
	<b>Loctite® 660 QUICK METAL PRESS FIT REPAIR</b>	High	• Used for repairing worn coaxial parts without remachining • Excess does not cure; allows easy cleanup	7471	Up to 0.5mm	150°C
	<b>Loctite® 680</b>	Very High	• Gives best resistance to dynamic, axial and radial loads • Plumbing Safety Licence AS/NZS 4020:2005 (Potable Water)	7471	Up to 0.2mm	150°C
	<b>Loctite® 232 HIGH LUBRICITY</b>	Medium	• Has lubricating properties to facilitate smooth assembly of heavy interference • Prevents galling and metal pick-up during assembly	7471	Up to 0.05mm	150°C

APPLICATION	SOLUTION	Flange Type / Colour	FEATURES	Recommended Primer	Oil Resistance	Temperature Resistance
<b>Gasketing</b> Single-component, replace conventional gaskets, excellent instant seal, fill all voids.	<b>Loctite® 510 GASKET ELIMINATOR</b>	Rigid	• Makes or dresses gaskets • AGA certificate 2590 to 690kPa (Gas);	7471	Excellent	Up to 200°C
	<b>Loctite® 515 MASTER GASKET</b>	Semi-Flexible	• Rigid machined flanges with less than 0.5mm gap • Flexes when flanges move in service • AGA certificate 2590 to 690kPa (Gas)	7649 / 7471	Excellent	150°C
	<b>Loctite® 518 MASTER GASKET</b>	Semi-Flexible	• Recommended for rigid iron, steel and aluminum flanges • Excellent wetting characteristics	7649	Excellent	150°C
	<b>Loctite® 587 BLUE MAXX SILICONE</b>	Flexible	• Oxygen sensor safe • Non-corrosive, low odour, low volatile	n/a	Outstanding	260°C
	<b>Loctite® 596 HIGH TEMPERATURE SILICONE</b>	Flexible	• Seals all flanges including stamped sheet metal where high temperature resistance is required • No shrinkage, no dry-out in service • Meets MIL-A-46106 TYPE 1	n/a	Good	315°C
	<b>Loctite® 5900 BLACK MAXX SILICONE</b>	Flexible	• Seals all flanges including stamped sheet metal • Excellent resistance to automotive engine oils • Excellent adhesion to a wide variety of plastic substrates, glass, ceramics and metals • CFIA approved, NSF P1	n/a	Excellent	230°C

APPLICATION	SOLUTION	Fixture Time / Colour	FEATURES	Operating Temperature	Viscosity	Especially for
<b>Structural Bonding</b> Bonds a wide variety of materials. Such as metal, ceramic and plastic.	<b>Loctite® 324 IMPACT RESISTANCE BONDER</b>	5 min Amber	• Displays high impact strength • Ideal for larger gap applications • Used with Loctite 7075	Up to 135°C	Syrup	Magnet Bonding
	<b>Loctite® 330 MULT BOND</b>	15 - 30 sec Cream	• Low to medium gap fill • Use with Loctite® 7387 • Excellent high temperature resistance • Ideal for bonding close-fitting metals and magnets	Up to 120°C	High	Metal, Wood, Ferrite
	<b>Loctite® 3801 / POX PAK 5 MINUTE EPOXY</b>	4 - 6 min Clear	• Resistant to a wide range of chemicals and solvents • Excellent electrical insulation • Ideal for emergency repairs or where fast cure is required	Up to 120°C	Heavy Syrup	General purpose bonding of metal, wood
	<b>Loctite® 3805 STEEL &amp; ALUMINUM EPOXY FILLER</b>	15 min Grey	• Can be drilled, tapped, threaded or filed and is an excellent electrical insulator • Ideal for repairs, filling, bonding to iron steel brass, bronze, aluminum and copper • Typically used under speedy sleeves	Up to 150°C	Heavy Paste	Rebuilding of surfaces

APPLICATION	SOLUTION	Strength / Colour	FEATURES	Recommended Primer	Thread Size	Temperature Resistance
<b>Thread Sealing</b> Single component, does not creep, shrink or block systems. Replaces tape, hemp or solvent based sealant. Resists vibration and shock loads. Protects against corrosion and galling.	<b>Loctite® 55 SEALING CORD</b>	Low White	• Safe, fast and easy to use on metal and plastics threaded fittings • Allows reliable re-adjustment of the joint with neat and clean application • Potable water AS/NZS 4020:2005 & AGA approved up to 85°C	n/a	100mm (4")	150°C
	<b>Loctite® 567 MASTER PIPE SEALANT</b>	Low White	• Easy dismantling with normal tools • Excellent chemical resistance • AGA Certificate 3207 to 1050kPa (Gas)	7649	76mm (3")	205°C
	<b>Loctite® 569 HYDRAULIC SEALANT</b>	Low	• Dismantles with normal tools • Seals fine threaded metal fittings on hydraulic, pneumatic and fuel systems • AGA Certificate 3375 to 1050kPa (Gas)	7471	19 mm (3/4")	150°C
	<b>Loctite® 577 HIGH PRESSURE PIPE SEALANT</b>	Medium	• For use with parallel or tapered fittings • Seals coarse metal threads in low temperature applications where fast cure is required • Potable water approval AS/NZS 4020:2005, AGA Certificate 4787 (to 2600kpa)	7649	76mm (3")	150°C
	<b>Loctite® 5770 STEAM &amp; GAS</b>	High	• Lubricates pipe threads for easy assembly • For use with parallel or tapered fittings • Ideal for sealing steam systems, up to 6.3MPa gauge pressure	7649	76mm (3")	280°C

APPLICATION	SOLUTION	Fixture Time / Colour	FEATURES	Especially for	Operating Temperature	Viscosity
<b>Instant Bonding / Cyanoacrylate</b> One-component, no-mix products that cure rapidly at room temperature. Excellent bond strengths to the widest range of plastics, rubbers and metals.	<b>Loctite® 401 ULTRA FAST</b>	5 - 20 sec Clear	• General purpose, surface insensitive instant adhesive for most versatile application areas • Ultra-fast fixture speed	Plastics, metals, elastomers	Up to 120°C	Low
	<b>Loctite® 406 DIFFICULT TO BOND SUBSTRATES</b>	5 - 20 sec Clear	• General purpose grade for difficult-to-bond materials that require uniform stress distribution • Ultra-fast fixture speed	Rubbers, PO plastics, elastomers	Up to 120°C	Low
	<b>Loctite® 424 HIGH STRENGTH</b>	5 - 20 sec Clear	• Excellent for bonding EPDM rubber • Fast fixture speed	Plastics and Rubbers	Up to 80°C	Low
	<b>Loctite® 435 RUBBER TOUGHENED</b>	10 - 100 sec Clear	• Increase flexibility and peel strength along with enhanced resistance to shock • Provides rapid bonding on a wide range of materials • Also available in black (Loctite® 438)	Plastics, metals, elastomers & Porous / absorbent materials	Up to 100°C	Low
	<b>Loctite® 454 GEL</b>	5 - 20 sec Clear	• Ultra-fast fixture speed • No run, no drip - even on vertical surfaces	Porous / absorbent materials	Up to 120°C	Gel
	<b>Loctite® 460 LOW ODOR LOW BLOOM</b>	5 - 20 sec Clear	• Particularly suitable for applications where vapor control is difficult • Reduces whitening	Transparent materials	Up to 100°C	Low
	<b>Loctite® 480 TOUGHENED</b>	60 - 120 sec Black	• Black, rubber toughened grade • For applications where high peel and shear strength is required or shock loads are present	Metal-to metal, metal-to-plastic, metal-to-rubber	Up to 80°C	Low

APPLICATION	SOLUTION	Colour	FEATURES	Temperature Range	N.L.G.I. Class	Features
<b>Lubricating</b> Protects against rust, corrosion, seizing and galling. Used for high temperature application.	<b>Loctite® Heavy-Duty ANTI-SEIZE</b>	Grey	• Metal-free formulation • Non-hazardous • Outstanding lubrication to all metals including stainless steel aluminum and soft metals	-30 to 1315°C	1	Good Chemical Resistance
	<b>Loctite® Silver Grade ANTI-SEIZE</b>	Silver	• Heavy-duty, temperature-resistant, petroleum-based lubricant compound • Fortified with graphite and metallic flake • Inert; will not evaporate or harden in extreme cold or heat	-30 to 870°C	1	Soft Metals
	<b>Loctite® Nickel ANTI-SEIZE</b>	Silver	• Heavy-duty, temperature-resistant, petroleum-based lubricant • Recommended for stainless steel and other metal fittings	-30 to 1315°C	1	Excellent Chemical Resistance
	<b>Loctite® CSA Copper ANTI-SEIZE</b>	Copper	• Out standing lubrication for all metals and plastics	-30 to 980°C	1	Copper / Graphite

APPLICATION	SOLUTION	Use with/Colour	FEATURES	On Part Life	Dry Time	Base	
<b>Surface Preparation</b> Clean and degrease work surfaces. Ensure full cure on inactive surfaces.	<b>Loctite® 770 PP PRIMER</b>	All Cyanoacrylates Colourless	• Primes polyolefin and low surface energy substrates to allow bonding • Suitable for priming PTFE, elastomer, polyethylene, polypropylene, etc • Used to promote bonding with most Instant Adhesives	8 Hours	30 Sec	Heptane	
	<b>Loctite® 7471 PRIMER 'T'</b>	Anaerobics Amber	• General purpose primer designed to speed the cure of Loctite anaerobic adhesives, sealants and retaining compounds • Used to accelerate cure speed, or for applications under cold weather conditions (bond strength may be reduced)	7 Days	30 - 70 Sec	Acetone / Isopropanol	
	<b>Loctite® 7649 PRIMER 'N'</b>	Anaerobics Green	• Used where accelerated cure speed is required, or in cold weather, and where gaps exceed normal recommendations	30 Days	30 - 70 Sec	Acetone	
	<b>Loctite® 7070 ODC FREE CLEANER &amp; DEGREASER</b>	Cleans all surfaces Colourless	• General purpose cleaner degreaser for precision parts, races, gears, bearings, controls, etc. • Compatible with some plastics and non-corrosive • Contains no ozone depleting chemicals	Equivalent to the evaporation rate of water. Wiping or blowing will accelerate dry time.			ODC Free
	<b>Loctite® 790 CHISEL GASKET REMOVER</b>	Removes Anaerobics White Foam	• Removes baked-on chemical gaskets, gasket cements on metal surfaces • Excellent for removing formed-in-place gaskets • Spray application enables maximum penetration	Leave on surface for 5 to 10 min. Wipe / Scrape clean.			Solvent

APPLICATION	SOLUTION	Odour / Colour	FEATURES	Functions	Appearance
<b>Hand Cleaning</b>	<b>Loctite® Hand Wipes</b>	Mild Citrus White	• Enhanced cleaning formula with natural oils and emollients • Powerful and effective in removing tar, grease, wax, ink, paint, lubricants and adhesives	No rinse No residue	Pre-moistened waterless towels
	<b>Loctite® Yuk Off Orange HAND CLEANER</b>	Mild Citrus Off White	• Contains no harmful petroleum solvents, conditions skin with lanolin, aloe and jojoba • Pumice formula removes the toughest grease, dirt, oil and ink • Biodegradable and non-toxic	Cleans with or without water	Textured Cream