

**LOCTITE**  
**TEROSON**

## Assembly Solutions



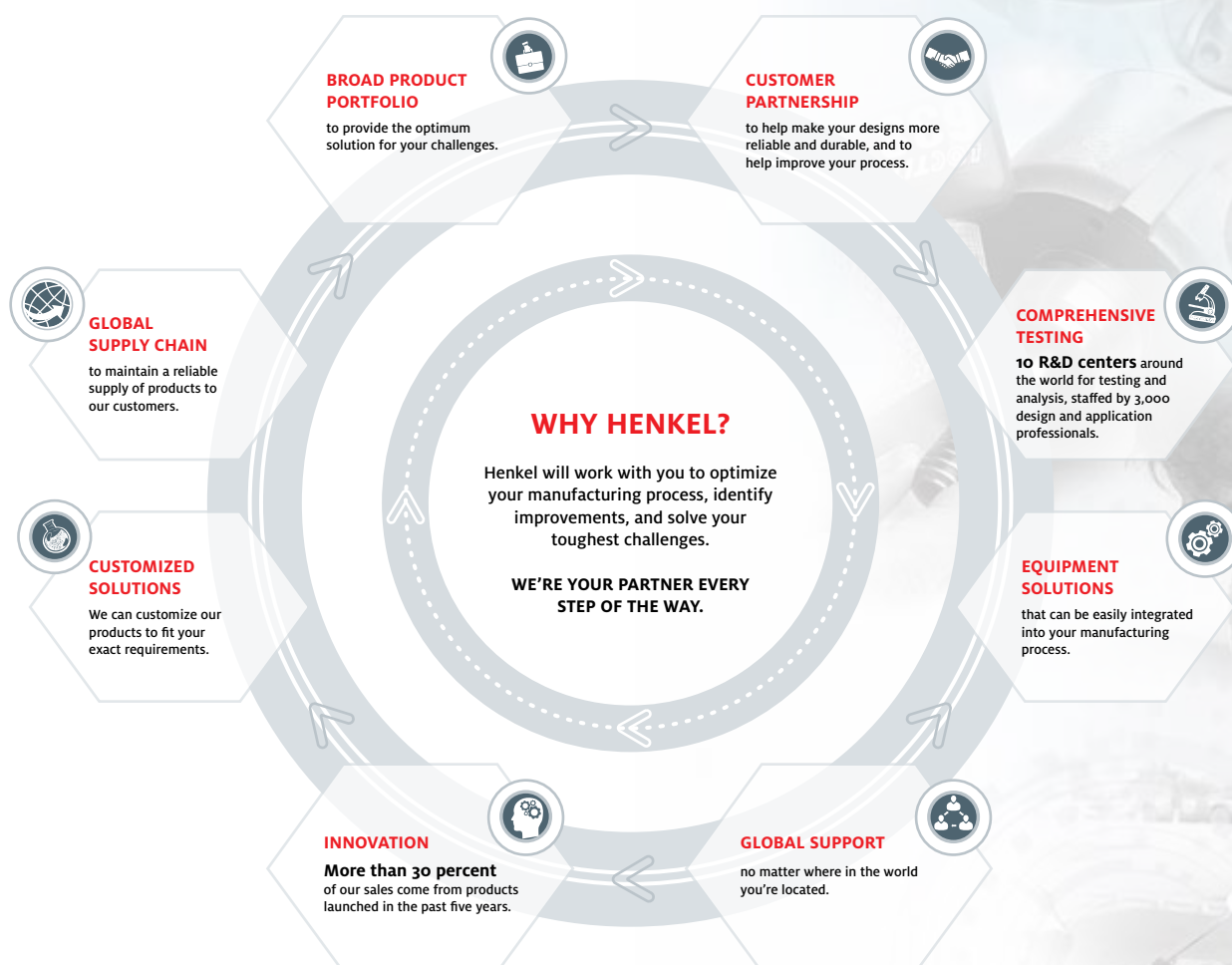
**Henkel**

# Henkel.

Improving your designs,  
understanding your challenges

PROVEN SOLUTIONS FOR ALL YOUR NEEDS -

TODAY AND TOMORROW



Manufacturers face daily challenges to reduce costs, improve efficiency, and increase innovation, to name just a few. You need a supplier with a broad product portfolio, a global footprint, and the engineering and application know-how to solve your challenges. You also need a partner who can help you maintain your high quality while developing advanced new products.

**Henkel, the leading solutions provider for adhesives, sealants and functional coatings worldwide, offers much more than quality adhesives.** With our history and experience in the industry, our experts can help you find ways to optimize your manufacturing processes and drive down costs. We can help you reduce weight, increase durability and enhance the reliability of your equipment. And we're continually developing innovations to help you succeed in the future.

**Let us show you the value Henkel offers.**

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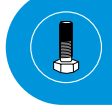
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# THREADLOCKING

## Locking of threaded fasteners

- » PREVENTS LOOSENING FROM SHOCK AND VIBRATION
- » SINGLE COMPONENT – CLEAN AND EASY TO APPLY
- » CAN BE USED ON VARIOUS SIZES OF FASTENERS – REDUCES INVENTORY COSTS
- » FILLS GAP BETWEEN THREADS AND UNITIZES THE ASSEMBLY
- » STOPS RUST AND CORROSION

### ► ARE THE PARTS ALREADY ASSEMBLED?

#### Helpful Hints:

- Clean parts with LOCTITE® SF 7070 ODC-Free Cleaner and Degreaser before applying the adhesive.
- If the threadlocker will be applied below 5°C, pre-treat with LOCTITE® 7649 Primer N.
- If the parts were in contact with aqueous washing solutions or cutting fluids that leave a protective layer on the surface, wash with hot water before use.

YES

Wicking – Green

### ► HENKEL SOLUTIONS

LOCTITE® 290

Fastener Size	1/16" TO 1/2" (M2 TO M12)
Strength	High
Cure Time (Fixture/Full Strength)*	20 min./24 hr.
Breakaway/Prevail Torque (N.m)	10/29
Temperature Resistance for Continuous Service	150°C

Package Size &amp; IDH

50 ml bottle - 531724  
250 ml bottle - 848069

\* Typical value @ 22°C

#### ADDITIONAL PRODUCTS

Name	Strength/ Color	Breakaway/Prevail Torque (N.m)	Features
LOCTITE® 220	Low - Blue	9/19	Removable grade, wicking, for small threads of 1/4" (M6) or smaller
LOCTITE® 270	High - Red	26/36	Fasteners up to 3/4" (M20)
LOCTITE® 271	High - Red	28/31	Fasteners up to 1" (Up to M25)
LOCTITE® 272	High - Orange	22/24	High Temp up to 11/2" (M36)



Recommended for locking pre-assembled fasteners, i.e. instrumentation screws, electrical connectors, and set screws. Also seals porosities in welds and metal parts.

#### LOCTITE® PRIMERS

##### Use LOCTITE® Primer to:

1. Activate inactive surfaces.
2. Speed cure times for faster return to service.
3. Speed curing through larger gaps and deep threads.
4. Substantially speed cure times on cold parts.
5. Act as a cleaning agent.







NO

What strength do you require?

Low – Purple

Medium - Blue

High – Red

Permanent - Red

Oil tolerant

LOCTITE® 222

Up to 1/4" (Up to M6)

Low

10 min./24 hr.

6/3

150°C

50 ml bottle - 848063  
250 ml bottle - 848062

Recommended for low strength threadlocking of adjustment screws, countersunk head screws, and set screws; on collars, pulleys, tool holders, and controllers. Also for low strength metals such as aluminum or brass.

LOCTITE® 243 

1/4" to 3/4" (M6 to M20)

Medium

10 min./24 hr.

20/7

180°C

10 ml bottle - 1427418  
50 ml bottle - 1367282  
250 ml bottle - 531707  
1 litre bottle - 833788

With improved oil tolerance, LOCTITE® 243 Threadlocker is effective on all types of metal threaded fasteners. Prevents loosening on vibrating parts such as pump, motor mounting bolts, gear boxes, or presses. Removable with hand tools.

LOCTITE® 263 

Up to 1"

High

10 min./24 hr.

32/32

180°C

50 ml bottle - 1367281  
250 ml bottle - 1511183

Engineered to cure consistently on a variety of metals, despite minor surface contaminants. Works on steel, stainless steel and most plated fasteners. Tolerates thread lubrication, anti-corrosion and protection fluids. Heat required for removal.

LOCTITE® 277

For large bolts &gt; 7/8" (&gt;20mm)

Permanent

60 min./24 hr.

31/31

150°C

50 ml bottle - 531723  
250 ml bottle - 531722

High strength adhesive for locking and sealing large bolts and studs 1" (25 mm) or larger in diameter. Heat may be required to weaken bond before parts can be disassembled.

Name	Color	Viscosity	Base	On-Part Life	Dry Time	Package Size & IDH
<b>7649 Primer N</b>	Clear/Green	2	Acetone	30 days	30 to 70 seconds	100 ml - 849297
<b>7471 Primer T</b>	Amber	2	Acetone/Isopropanol	7 days	30 to 70 seconds	100 ml - 849296

**Primer is optional with:**

Active surfaces: Brass, copper, bronze, iron, soft steel, nickel.

**Primer is required with:**

Inactive surfaces: Aluminum, stainless steel, magnesium, zinc, black oxide, cadmium, titanium, and others.



# THREAD SEALING

- » LIQUIDS ENSURE COMPLETE CONTACT BETWEEN THREADS FOR A 100% SEAL
- » LIQUIDS WILL NOT CREEP, SHRINK, SHRED OR BLOCK SYSTEMS (INCLUDING FILTERS)
- » DISASSEMBLY CAN BE ACHIEVED EASILY WITH BASIC HAND TOOLS
- » REPLACES TAPES AND PASTES

## ► ARE THE PARTS METAL OR PLASTIC?

### Helpful Hints:

- If the sealant (LOCTITE® 545 Thread Sealant, LOCTITE® 565 Thread Sealant, LOCTITE® 567 Thread Sealant, or LOCTITE® 561 Pipe Sealant) will be applied below 5°C, pre-treat with LOCTITE® 7649 Primer N.
- All parts must be clean and dry before sealing - use LOCTITE® SF 7070 ODC-Free Cleaner and Degreaser.

**PLASTIC AND/  
OR METAL**

HENKEL SOLUTIONS	
Cord	
LOCTITE® 55	
Description	Cord
Maximum Thread Size	4" (10.16 cm)
Temperature Resistance	150°C
Maximum Pressure Resistance (N/mm²)/Cure Time	10,000 psi (68.9)/instant
Substrate to be Sealed	Metal, Plastic or Both
Instant Low Pressure Seal	Yes
Package Size & IDH	150 metres - 1752446

### ADDITIONAL PRODUCTS

Name	Features
LOCTITE® 572	Easy application by hand. Slow curing. For use on construction pipe sealing.
LOCTITE® 545	Low strength, fast curing for hydraulic / Pneumatic fittings.



Can be safely applied on metal and plastic threaded fittings. Potable water: NSF/ANSI 61 UL Listed and Certified to CSA International. \*\*



1800 2333 562



marketing.ag@henkel.com



www.loctite.in or www.loctite-success.in



METAL PARTS

Are the threads fine or coarse?

Fine

LOCTITE® 542  
(Hydraulic & Pneumatic)

Brown Liquid

Up to 3/4" (1.90 cm)

150°C

10,000 psi (68.9)/24 hrs.

Metal

No

50 ml bottle - 848735  
250 ml bottle - 848736



Recommended for fine threaded fittings as used in hydraulic and pneumatic installations and small fittings in general. Carries German DVGW approval (NG-5146 AR 0855) Meets BS 6956 type A for sealing gas fittings. \*\*

LOCTITE® 565

White to off White Paste

Up to 2" (5.08 cm)

150°C

10,000 psi (68.9)/72 hrs.

Metal

Yes

50 ml bottle - 1751917  
250 ml bottle - 1752552



A general-purpose instant sealant for tapered and straight/tapered fittings.

Coarse

LOCTITE® 567 

White Paste

3" (7.62 cm)

250°C

10,000 psi (68.9)/72 hrs.

Stainless Steel, Aluminum

Yes

50 ml bottle - 2146962  
250 ml bottle - 2146695



Withstands temperatures to 204°C with excellent solvent resistance. Locks and seals tapered pipe threads and fittings, including high pressure applications. Disassembles with hand tools.

LOCTITE® 577 

Yellow Paste

Up to 3" (7.62 cm)

180°C

10,000 psi (68.9)/72 hrs.

Metal

No

50 ml bottle tube - 2121780  
250 ml bottle tube - 2121367



Medium strength, general purpose sealant for use on coarse, threaded components.

\*\* All approvals are region specific. Please contact your Henkel Sales Representative for further information.



# GASKETING

## Sealing and Flanges

- » NO SHIMMING EFFECT – CONTROLLED TOLERANCES, NO NEED FOR RE-TORQUING
- » FILL ALL VOIDS – REDUCE THE NEED FOR A FINE SURFACE FINISH OF FLANGES
- » PARTS CAN BE DISASSEMBLED EASILY EVEN AFTER EXTENDED SERVICE
- » RESISTS HIGH PRESSURE WHEN FULLY CURED

### ► DOES THE EXISTING GASKET NEED TO BE USED AS A SHIM?

#### Helpful Hints:

- If there are traces of old gasket left on the parts to be sealed, clean with LOCTITE® SF 790 Chisel Gasket Remover.
- All parts must be clean and dry before sealing – use LOCTITE® SF 7070 ODC-Free Cleaner and Degreaser.
- Anaerobic products cure between metal surfaces with the absence of air.

Rigid

### ► HENKEL SOLUTIONS

LOCTITE® 510

LOCTITE® 518 

Color

Pink

Red

Gasket Type

Formed-in-place

Formed-in-place

Gap Fill

0.010" (0.25 mm)

0.010" (0.25 mm)

Cure Method

Anaerobic

Anaerobic

Fixture/Cure Time

N.A./24 hrs.

N.A./24 hrs.

Temperature Resistance  
(Continuous/Intermittent)

204°C/N.A.

150°C/N.A.

Instant Seal

Excellent

Excellent

Water/Glycol Resistance

Excellent

Excellent

Package Size & IDH

50ml tottle tube - 848390  
250ml tottle tube - 848731  
300ml cartridge - 910888

50ml tottle tube - 2118119  
250ml tottle tube - 2118117  
250ml cartridge - 2136699

### ADDITIONAL PRODUCTS

Name

Features

**LOCTITE® 515 Gasket  
Eliminator Flange Sealant**

For flexible applications.  
Cure speed: Unprimed - 1 to 12 hours.  
Primed - 15 minutes to 2 hours.

**LOCTITE® 790 Chisel  
Gasket Remover**

Solvent. Dry time: Leave on surface for 5 to 10 minutes. Wipe/scrape clean.

**LOCTITE® SI 5920**

Designed for high temperature resistance and electrical insulating applications.  
Temperature resistance upto 360°C.



High temperature. Product has a temperature range to 204°C with excellent solvent and chemical resistance. Makes or dresses gaskets in rigid assemblies. Eliminates gasket compression set.






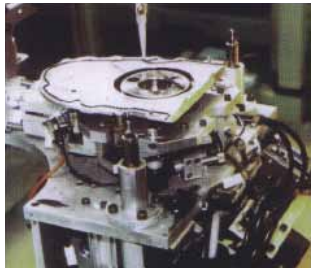
Recommended for use on rigid iron, steel and aluminum flanges. Spray LOCTITE® SF 7649 Primer N on only one surface.





NO

Are you sealing a rigid or a stamped flange?

		Stamped	
LOCTITE® 574	LOCTITE® SI 587	LOCTITE® SI 596	LOCTITE® SI 5900
Red	Blue	Red	Black
Formed-in-place	Formed-in-place	Formed-in-place	Formed-in-place
0.010" (0.25 mm)	0.250" (6.35 mm)	0.250" (6.35 mm)	0.240" (6 mm)
Anaerobic	Moisture (RTV)	Moisture (RTV)	Moisture (RTV)
N.A./24 hrs.	50 min. (Skin formation)	50 min. (Skin formation)	20 min. (Skin formation)
150°C/N.A.	204°C/250°C	316°C	204°C/N.A.
Excellent	Excellent	Excellent	Excellent
Excellent	Excellent	Excellent	Excellent
50ml tottle tube - 848739 250ml tottle tube - 848734	95g tube - 1266356 300ml cartridge - 1246389	300ml cartridge - 317667	300ml cartridge - 1257126
			
Recommended for sealing rigid & semi-rigid metal flanges. Fast curing. Gives instant sealing.	All types of flanges including stamped sheet metal. Designed for superior bonding properties to oil contaminated metals.	High temperature silicone sealant makes the repair of industrial furnaces, ovens, boilers, exhaust stacks, high temperature stacks, ducting and heating elements.	Superior flexibility, withstand high relative joint movement. High adhesion, gives instant seal. Low odor, Low volatility, Non-corrosive.



## RETAINING Securing Cylindrical Assemblies

- » BOND NON-THREADED CYLINDRICAL METAL ASSEMBLIES
- » HIGH AND MODERATE 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 ARE DISTRIBUTED EVENLY OVER THE JOINT

### ► IS THE ASSEMBLY BADLY WORN?

#### Helpful Hints:

- If the retaining compound will be applied below 5°C, pre-treat with LOCTITE® 7649 Primer N.
- All parts must be clean and dry before sealing – use LOCTITE® SF 7070 ODC-Free Cleaner and Degreaser.
- If the parts have been in contact with washing or cutting fluids containing nitrates, wash with hot water.

**YES - GAPS UP TO  
0.020" (0.5 mm)**


### ► HENKEL SOLUTIONS

**LOCTITE® 660**

Strength Required	High
Shear Strength (N/mm <sup>2</sup> )	3,335 psi (23)
Diametrical Clearance	Up to 0.020" (0.5 mm)
Temperature Resistance	150°C
Cure Time (Setup/Full Strength)	20 min./24 hr.

Package Size & IDH 50ml bottle - 1752417

### ADDITIONAL PRODUCTS

Name	Features
<b>LOCTITE® 680</b> 	Gives best resistance to dynamic, axial and radial loads. Recommended for retaining shafts, gears, pulleys, and similar cylindrical parts.
<b>LOCTITE® 620</b>	Particularly suitable for applications where temperature resistance up to 200°C is required. Requires heat cure to achieve temperature resistance.
<b>LOCTITE® 603</b>	For close-fitting parts (gap up to 0.1 mm) with light contamination. Typical applications include retaining roller bearings or oil impregnated bushings into housings.



Used for repairing worn coaxial parts without remachining; enables reuse of worn bearing seats, keys, splines, tapers, or for retaining shims.



NO - GAPS TO 0.015" (0.25 MM)

Do you require low, medium or high strength?

Low Strength

Medium Strength

High Strength

LOCTITE® 641

Low

1,700 psi (11.7)

Up to 0.006" (0.15 mm)

150°C

20 min./24 hr.

50ml bottle - 848752  
250ml bottle - 848750

LOCTITE® 609

Medium

2,300 psi (15.8)

Up to 0.005" (0.1 mm)

150°C

10 min./24 hr.

50ml bottle - 848744  
250ml bottle - 848745

High Viscosity

LOCTITE® 638 

High

4,200 psi (29)

Up to 0.01" (0.25 mm)

180°C

15 min./24 hr.

50ml bottle - 1865160  
250ml bottle - 1865048

Low Viscosity

LOCTITE® 648 

High

4,480 psi (31)

Up to 0.006" (0.15 mm)

180°C

10 min./24 hr.

50ml bottle - 1865163  
250ml bottle - 1865164



A controlled strength retaining compound that is ideal for cylindrical parts that require disassembly.



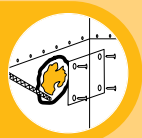
Recommended for parts that will need subsequent dismantling, i.e. retention of bearings onto shafts and into housings.



Maximum strength. For use where high dynamic force or cyclic loading is expected. Offers high temperature performance and oil tolerance.



Press Fit/High Strength/Rapid Cure. Offers high temperature performance and oil tolerance.



# INSTANT BONDING

- » ASSEMBLE PARTS QUICKLY AND EASILY
- » REPAIR BROKEN PARTS
- » BOND DISSIMILAR PARTS

## ► WHAT IS THE BONDING APPLICATION REQUIREMENT?

Porous / absorbent material

## ► HENKEL SOLUTIONS

LOCTITE® 401

Fixture Time	15 sec.
Gap Fill (mm)	0.12
Temperature Resistance	120°C
Shear Strength, psi (N/mm <sup>2</sup> )	3200 (22)
Viscosity (cP)	110

Package Size & IDH	20g bottle - 1669715 1litre bottle - 833784
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## ADDITIONAL PRODUCTS





Name	Features	Gap Fill (mm)
LOCTITE® 480	Suitable for close-fitting parts	0.15
LOCTITE® 430	Metal bonder for close fitting parts	0.12
LOCTITE® 420	Wicking type plastic bonder	0.05



Surface insensitive instant adhesive for difficult-to-bond, porous surfaces such as wood, paper, leather or fabric.



## BONDING RUBBER, PLASTIC, METAL - INSTANT BONDING

	Plastics / Rubber (EPDM)	Metal parts	General Purpose
<b>LOCTITE® 454</b>	<b>LOCTITE® 406</b>	<b>LOCTITE® 415</b>	<b>LOCTITE® 495</b>
15 sec.	15 sec.	30 sec.	20 sec.
0.25	0.10	0.20	0.10
120°C	120°C	80°C	120°C
3200 (22)	3200 (22)	3600 (25)	2750 (19)
Gel	20	1500	45
20g bottle - 1752383 300g cartridge - 88525	20g bottle - 1669713	20g bottle - 848003 500gm bottle - 849230	20g bottle - 1669711
			
Surface insensitive gel. Bonds porous & absorbent surfaces. Non-dripping, particularly suited for overhead applications.	Particularly suited for bonding rubbers & plastics. A must for every tool box for general maintenance & repair. Makes O-rings instantly. Wicking viscosity for tight bond lines.	High viscosity adhesive offering maximum adhesion to metals. Ideal for bonding small metal parts for general maintenance.	A general purpose adhesive designed to bond rubber, metal & plastic parts.





# STRUCTURAL BONDING

- » ELIMINATES OR SIGNIFICANTLY REDUCES COSTLY MECHANICAL FASTENING METHODS SUCH AS RIVETS, SCREWS AND WELDS
- » IDEAL FOR QUICK REPAIRS AND STRUCTURAL ASSEMBLIES
- » EXCELLENT RESISTANCE TO SEVERE ENVIRONMENTAL CONDITIONS
- » BONDS DISSIMILAR MATERIALS, SUCH AS METAL TO PLASTIC
- » FILLS LARGE GAPS BETWEEN PARTS

## ▶ WHAT IS THE BONDING APPLICATION REQUIREMENT?

▶ HENKEL SOLUTIONS		LOCTITE® AA 324
Color	Amber	
Viscosity (cP)	17000 cP	
Mix Ratio	NA	
Fixture Time	5 min.	
Cure Time	24 hours	
Temperature Resistance	175°C	
Shear Strength	2700 psi	
Package Size & IDH	50ml bottle - 847577 250ml bottle - 847578	

ADDITIONAL PRODUCTS	
Name	Features
LOCTITE® AA 326	Fast fixture (within 1 minute).
LOCTITE® AA 330	General purpose.
LOCTITE® AA 331	Ultra fast fixture. Acid free.



Surface insensitive instant adhesive for difficult-to-bond, porous surfaces such as wood, paper, leather or fabric. Suitable for small gap. Specially formulated for toughness and impact strength. Use with LOCTITE® 7075 activator.



## METAL

MULTIPLE  
SUBSTRATE

## LOCTITE® AA H 3151

Light Yellow

70000 cP

1:1

90 mins

24 hours

120°C

3780 psi

400ml cartridge - 1751922



Suitable for bonding a wide variety of plastic and metal substrates without the use of additional primer. Offers extended work life.

## LOCTITE® EA E-214HP

Light Grey

Paste

NA

NA

2 hours

150°C

4820 psi

300ml cartridge - 1617847



A one component acid free, heat cure epoxy with high strength, temperature resistance, non sag and non corrosive.

## LOCTITE® EA E-120HP

Amber

30000 cP

2:1

180 mins

24 hours

120°C

4300 psi

400ml - 1752564



An amber, non-sag, aerospace grade epoxy with an extended open time to allow for the adjustment of large parts.

## LOCTITE® EA E-30CL

Clear

10000 cP

2:1

&gt; 180 mins

24 hours

120°C

3100 psi

50ml syringe - 1752546



An ultra-clear, low viscosity, impact resistant epoxy with a 30-minute work life. An excellent glass bonder. Exhibits exceptional chemical resistance.



# FLEXIBLE BONDING AND SEALING

- » BOND AND SEAL PARTS THAT EXPERIENCE MOVEMENT, SUCH AS VIBRATION, IMPACT, THERMO EXPANSION/CONTRACTION, ETC
- » SUITED FOR INDOOR AND OUTDOOR APPLICATIONS THAT REQUIRE RESISTANCE TO HEAT, HUMIDITY, TEMPERATURE SWINGS AND UV LIGHT

## ► IS THE REQUIREMENT TO SEAL THE SUBSTRATE OR BOND THEM TOGETHER?

### SEALING

#### General Purpose

### ► HENKEL SOLUTIONS

#### TEROSON® MS 930

Colour	Black, White, Grey
Hardness [Shore A]	30
Skin formation time [min]	18
Tensile strength [MPa]	1.0
Elongation at break [%]	250
Service temperature range [°C]	-50°C to +80°C

#### Package Size & IDH

310ml cartridge white-1656499  
310ml cartridge grey-1656500  
310ml cartridge black-1845185



- Soft-elastic
- Multi purpose
- UV & weathering resistance
- Good adhesion to wide variety of substrates
- 100% sealing



## BONDING

### Medium Strength

#### TEROSON® MS 935

Black, White, Grey

50

8

2.8

230

-40°C to 100°C

290ml cartridge black-1940293



- Good paintability
- Environmental resistance
- Easy smoothing
- Elastic sealant adhesive

### General Purpose

#### TEROSON® MS 939

Black, White,  
Off-White, Grey

55

5

3.0

250

-40°C to 100°C

570ml sausage white-212653  
290ml cartridge grey-1846007  
570ml sausage black-1752515



- Very versatile across substrates
- UL Listing for electrical equipment
- Excellent bonding and sealing even without primer
- Good environment & UV resistance
- Paintable

### 2K Rapid Cure

#### TEROSON® MS 9399

Black, White, Grey

55

35

3.0

150

-40°C to 100°C

400ml white - 2048329



- Fast curing
- High initial strength
- Good sag resistance
- Independent from air / humidity
- Good UV and environmental resistance

### Windshield Bonding

#### TEROSON® PU 8590

Black

60

25

8.0

400

-40°C to 90°C

310ml cartridge(N/M)-1574002  
310ml kit - 1574212



- Short setting time leads to faster turn around
- Excellent UV resistance (retains elasticity even after aging)
- Higher reliability due to 100% bonding of substrates
- Excellent strength of bonding on multiple substrates
- Solvent - free composition
- Used with Teroson PU 8517H Primer



# ANTI-SEIZE LUBRICANTS

- » PROTECT AGAINST RUST, CORROSION, SEIZING AND GALLING
- » PROVIDE LUBRICATION IN EXTREME ENVIRONMENTS

## ► WHAT TYPE OF ANTI-SEIZE DO YOU REQUIRE?

Up to 871°C

## ► HENKEL SOLUTIONS

**LOCTITE® LB 8150 Silver  
Grade Anti-Seize**

Color	Silver
Solid Lubricating Agent	Graphite/Aluminum
Torque Coefficient*	0.18
Temperature Range	-30°C to +900°C
Metal-Free	No
Package Size & IDH	500g jar - 833783

\* K value on steel nuts and bolts

ADDITIONAL PRODUCTS		
Name	Max Temp	Features
<b>LOCTITE® LB 8700 Extreme Pressure Resistant Lubricant</b>	399 °C	MOS <sub>2</sub> based thread lubricant
<b>LOCTITE® LB 8012 Low Friction Lubricant</b>	399 °C	Recommended for maximum lubricity at low speeds, high loads, Metal free formulation



Heavy duty, temperature resistant, petroleum based lubricant compound fortified with graphite and metallic flake. Inert and will not evaporate or harden in extreme cold or heat. For use in assemblies up to 871°C. ABS Approved. Tested to Mil-PRF-907E. CFIA Approved. \*\*





## GENERAL PURPOSE

Up to 982°C

**LOCTITE® LB 8008 C5-A  
Copper Anti-Seize**

Copper

Copper/Graphite

0.16

-29°C to +982°C

No

1 lb - 1751842



Exclusive formula suspends copper and graphite in a high quality grease. Protects metal parts from rust, corrosion, galling, and seizing at temperatures to 982°C. Tested to Mil-PRF-907E. CFIA Approved. \*\*

Up to 1315°C

**LOCTITE® LB 771  
Nickel Anti-Seize**

Silver

Nickel/Graphite

0.13

-29°C to +1,315°C

No

1 lb - 1751839



Copper-free. Recommended for stainless steel and other metal fittings. For preventing corrosion, seizing, and galling in harsh, chemical environments, and temperatures to 1315°C. ABS Approved. \*\*

METAL-FREE  
APPLICATIONNo  
Metal**LOCTITE® LB 8009  
Heavy Duty Anti-Seize**

Black

Graphite/Calcium  
Fluoride

0.16

-29°C to +1,315°C

Yes

1 lb - 1751851  
2 lb - 1751889

Metal free. Excellent lubricity. Provides outstanding lubrication to all metal including stainless steel, aluminum and soft metals up to 1315°C.

INCIDENTAL  
FOOD CONTACTNo  
Metal**LOCTITE® LB 8014  
Food Grade Anti-Seize**

White

White Lubricating Solids

0.13

-29°C to +399°C

Yes

2 lb - 1751942



Prevents seizure, galling, and friction in stainless steel and other metal parts up to 399°C. NSF H1 rated for incidental food contact. \*\*

WATER  
RESISTANTNo  
Metal**LOCTITE® LB 8023  
Marine Grade  
Anti-Seize**

Black

Calcium Sulfonate

0.18

-29°C to +1,315°C

Yes

8 oz - 299175  
16 oz - 1752448

Formulated to protect assemblies exposed directly or indirectly to fresh and salt water, this anti-seize works especially well in high humidity conditions. It has excellent lubricity, superior water washout spray resistance, and prevents galvanic corrosion. ABS Approved. \*\*

\*\* All approvals are region specific. Please contact your Henkel Sales Representative for further information.



# CLEANING

» CLEAN AND DEGREASE WORK SURFACES, PARTS AND HANDS

## ▶ WHAT TYPE OF CLEANER DO YOU REQUIRE?

### GENERAL PURPOSE

#### ▶ HENKEL SOLUTIONS

LOCTITE® SF 7061

KB Values	N.A.
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Package Size & IDH	100ml can - 849292
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Solvent based (acetone) general parts cleaner, evaporates very fast, removing dirt, resins, lacquer, oils and greases from metals. Recommended for pre assembly cleaning.

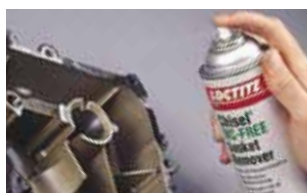


## GASKET REMOVING

**LOCTITE® SF 790**  
**Chisel Gasket Remover**

Greater than 200

510g aerosol can - 1751840  
510g bottle - 1409698



Removes gaskets from any type of assembly in 10 to 15 minutes. Prepares metal parts for new gaskets, eliminating scraping and sanding. Works on wood; non-corrosive on aluminum. Not for use with plastics, Linoleum, or synthetic fibers.

## BIODEGRADABLE

**LOCTITE® SF 7840**  
**Natural Blue Biodegradable Cleaner & Degreaser**

N.A.

5litre bottle - 789065  
20litre bucket - 789705



Biodegradable, all-purpose, industrial strength, concentrated cleaner and degreaser. Can be economically diluted with water. Formulated for wipe down, pressure spraying, and immersion cleaning processes at room temperature or heated. Non-flammable and non-toxic. Contains no ODCs.

## DEGREASER

**LOCTITE® SF 7070**  
**ODC-Free Cleaner & Degreaser**

34

150g bottle - 1423361  
425g bottle - 1423327



A non-aqueous, hydrocarbon-based solvent designed for cleaning and degreasing surfaces to be bonded with adhesives, as well as for general purpose industrial cleaning. Safe on aluminum, rubber, and most plastics, and will not cause flash rusting on water-sensitive parts. Dries residue-free. Contains no ozone-depleting compounds (ODCs).

**LOCTITE® SF 7611**  
**Pro Strength Parts Cleaner**

132

190z aerosol can - 1752427



Aggressively penetrates, dissolves, and removes oil and grease from parts. Dries quickly with no residue. Contains no ODCs.



# MOULD RELEASE AGENTS

- » EASY TO APPLY, RAPID CURE
- » NO CONTAMINATING TRANSFER
- » MULTIPLE RELEASES
- » MINIMAL MOULD BUILD-UP
- » HIGH THERMAL STABILITY



## ► FREKOTE MOULD RELEASE AGENTS

### SOLVENT BASED

#### FRP release

### WATER BASED

#### Rubber release

#### Rubber release

## ► HENKEL SOLUTIONS

### LOCTITE® FREKOTE® 770-NC

### LOCTITE® FREKOTE® R-120

### LOCTITE® FREKOTE® R-220

Description	Quick curing	Ready to use	Highly filled elastomers
Moulding Process	Cast Compression Molding Lay-up RTM Vacuum Bagging Filament Winding	Compression Transfer	Difficult molding application, especially for high aspect ratio parts
Application Temperature	15°C - 60°C	60°C - 204°C	60°C - 205°C
Cure Time and Temperature	Cure at room temperature for 5-10 minutes	25 minutes at 60°C or 10 minutes at 93°C or 4 minutes at 150°C	25 minutes at 60°C or 10 minutes at 93°C or 4 minutes at 150°C
Package Size & IDH	1 gal drum - 416032	20 litre - 1661893	5 gal - 2007063



Versatile release agent which provides high slip where mould geometry problems are encountered. It cures rapidly at RT to give a high gloss finish to the moulded parts. It is a low odour, clear fast evaporating solution that can be used with FRP composites, epoxies, polyester resins, vinyl resins and thermoplastics.



A water-based, semi-permanent release agent for rubber molding. Capable of releasing all natural and synthetic polymers including some thermoplastic urethanes.



Offers excellent release and slip properties and is recommended for the most demanding rubber molding applications, such as EPDM rubber, and will also release thermoplastic urethanes and solid polyurethane cast elastomers.



# LIGHT CURE ADHESIVES

- » CURES IN SECONDS WHEN EXPOSED TO UV / VISIBLE LIGHT SOURCES
- » SINGLE COMPONENT - EASY TO USE
- » EXCELLENT BOND STRENGTHS TO PLASTIC AND GLASS
- » DUAL CURE FORMULATIONS FOR CURING WHERE LIGHT CANNOT REACH



## ► LIGHT CURE ADHESIVES

### GLASS BONDING

### GENERAL PURPOSE

### MEDICAL APPLICATION

#### ► HENKEL SOLUTIONS

#### LOCTITE® AA 349

#### LOCTITE® AA 352

#### LOCTITE® AA 3081

Appearance Clarity / Color	Clear
Cure Type	Ultraviolet
Key Substrates	Glass, metal
Viscosity cP (Brookfield, 25°C)	9500
Elongation at break, %	300
Shore Hardness	D 70
Temperature Range	-54°C to 150°C
Package Size & IDH	50ml - 1751830 1 litre - 1751833



A medium viscosity adhesive that bonds & seals glass to glass, or glass to metal components. Electrical properties of the material makes it suitable for potting and tacking.



A high viscosity adhesive that creates a tough, flexible bond resistant to vibration and shock. Effective on a wide range of materials. Cures in minutes using an activator, UV light or both.



A low viscosity, UV cure adhesive that has excellent adhesion to glass, metal & certain thermoplastics. ISO 10993 compliant.





# LOCTITE® EQUIPMENT SOLUTIONS

- » PRECISION DISPENSING
- » ELIMINATES WASTE
- » INCREASED PRODUCTIVITY DUE TO AUTOMATION



Since 1971, Henkel Corporation has designed, built and integrated high-quality equipment solutions. From simple handheld devices to fully automated systems, Henkel offers a complete line of standard off-the-shelf LOCTITE® brand dispensing and light curing equipment, which can be integrated easily into your manufacturing process.

From water-thin liquids to high-viscosity pastes, LOCTITE® brand equipment is capable of dispensing and curing a wide variety of adhesives, sealants and other industrial fluids.

In addition to our standard line of equipment, Henkel offers a number of resources to support your dispensing needs:

- Custom Equipment Systems – We can modify any LOCTITE® brand standard system or customize a system to meet your specific assembly needs.
- Equipment Website – Locate details on LOCTITE® brand standard and custom equipment, parts and accessories, and equipment services. To learn more about our equipment, visit [www.equipment.loctite.com](http://www.equipment.loctite.com) or contact your Henkel Sales Representative.
- Adhesive and Sealant Specialists – Henkel Adhesive and Sealant Specialists are available across the continent to personally assist you with new assembly challenges or to help you re-engineer an existing application for improved performance and cost savings using LOCTITE® brand products.



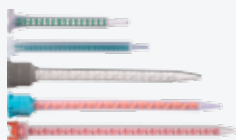
## LOCTITE® EQUIPMENT RANGE

DISPENSING SYSTEM	CONSUMMABLES	MOTION CONTROL	LIGHT CURE
1. Adhesive Bottles 2. Pneumatic Syringe 3. Tube bonding 4. Controllers and reservoirs 5. Hand held, soft pack and cartridge 6. Volumetric dispensing - single component, two component 7. Handheld applicators, valves 8. Hotmelt dispenser 9. Anaerobic dispenser 10. Dispense monitoring system	1. High Precision Stainless Steel Dispense Tips 2. Tapered Dispense Tips 3. General-Purpose Dispense Tips 4. Flexible Dispense Tips 5. Cartridge Accessories 6. LOCTITE® Brand Static Mix Nozzles & Accessories 7. LOCTITE® Brand Syringe Accessories 8. LOCTITE® Brand Spare Parts	1. Benchtop Robot 2. Gantry Robot 3. SCARA Robot 4. Rotary Dispense System 5. Mounting hardware and guarding enclosures	1. Led light curing devices 2. Led flood systems 3. Wand systems 4. Cure chambers & flood systems 5. Cure conveyors 6. High intensity light sources 7. Assurecure® system 8. Light meters

### Static Mix Tip

IDH - 720173

Mix nozzles for 50 ml to 400 ml



### Integrated Semi Automatic Dispenser

IDH - 1390321 / 1390322 + 318654

For low to high viscosity dispensing



### LOCTITE® H/Held 300 ml Cartridge Disp

IDH - 88632

For elastic adhesives and sealants dispensing



### Desktop Servo Robot 331

IDH - 1931030

Integrated solution for accurate dispensing



### Peristaltic Handpump

IDH - 88631

Ergonomical design for controlled dispensing

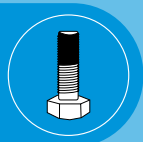


### Digital Syringe System

IDH - 88633

No mess - no wastage, precision dispensing





# LOCTITE® PRE-APPLIED SOLUTIONS

» THE EFFICIENT & RELIABLE WAY TO LOCK & SEAL THREADED PARTS



## Products with a pedigree

For over 50 years the LOCTITE® brand has been at the leading edge of securing threaded fasteners with adhesives. This has led LOCTITE® becoming the number one brand for sealing and locking threaded components worldwide and is widely accepted as being best method to ensure component security & reliability.

Now, threaded parts can be pre-coated with a solvent free locking medium that is dry-to-touch and will only cure on assembly ensuring clean, efficient & user friendly assembly. LOCTITE® offers a complete range of Dri-Seal®, Dri-Loc® and Anti-Seize Pre-Applied coatings, for locking and/or sealing threaded parts. This means that there is no longer a need to apply adhesives, sealants, or any other locking or sealing device during assembly.

In addition, every product in LOCTITE's Pre-Applied range of coatings is environmentally friendly.

For the Dri-Loc® and Dri-Seal® products manufacturing, application and the drying process are all water based and are free of organic solvents. They are all brightly coloured which enables easy inspection and identification of different grades.

LOCTITE® Pre-Applied Centres have fully automatic coating machines, which allow almost any size or shape, of a bolt, screw, stud, plug, nut etc. to be coated. Any pre-treated component can be reused after disassembly by applying the appropriate liquid LOCTITE® threadlocking or threadsealing product.

### LOCTITE® Pre-Applied products have many benefits such as:

- Vibration resistant - resulting in equipment reliability
- Dry to touch coating - ease of handling
- Ease of automation - higher speed of assembly
- Guaranteed quality - trusted by leading automotive OEMs worldwide
- Any fastener becomes a self locking / self sealing fastener
- Reduced component costs and assembly time

## When to use LOCTITE® Dri-Loc®, Dri-Seal® and Anti-Seize

### Dri-Loc®

is a locking adhesive which provides excellent resistance to vibration loosening on any threaded fastener including nuts. The adhesive is activated during assembly and cures to form a tough polymer that eliminates movement between the threads and provides a total seal.

### Dri-Seal® / Vibra Seal®

is used to permanently seal tapered and parallel threads. It gives excellent torque tension (lubricating) characteristics to aid assembly. It gives an instant seal and prevents leakage whilst allowing disassembly.

### Anti-Seize

is a pre-applied high temperature, antigalling, thread lubricant that is dry to touch. For use on applications such as exhaust manifold bolts, and catalytic converter. Once applied, the part can be reused up to five times.

Dri-Loc®	
Name	Features
204	Highest Strength

Dri-Seal®	
Name	Features
5061	General Purpose
516	Big Thread

Anti-Seize	
Name	Features
17015	Dry-to-touch Anti-Seize Anti-gally High Temperature resistance upto 650°C

# LOCTITE HY 4090 STRUCTURAL HYBRID ADHESIVE



## Henkel's innovative technology delivers the strength of a structural adhesive with the speed of an instant adhesive

LOCTITE HY 4090 structural hybrid adhesive is an innovative hybrid technology that provides the bond strength and speed that you need to solve your design and assembly challenges. With the strength of a structural adhesive and the speed of an instant adhesive, LOCTITE HY 4090 offers both performance and versatility.

This powerful combination provides impact resistance, high strength bonding on a variety of substrates and excellent chemical resistance – making LOCTITE HY 4090 the essential adhesive solution. LOCTITE HY 4090 opens the door to new applications and new solutions.

### Some of many key benefits of LOCTITE® 4090:

- Strength of a structural adhesive
- Speed of an instant adhesive
- Impact and vibration resistance
- Temperature resistance up to 150°C
- Gap filling up to 5 mm
- Suitable for a variety of substrates, including metals, most plastics and rubbers



TECHNICAL DATA	
COLOR	Slightly cloudy to light yellow
APPEARANCE	High viscosity gel
MIX RATIO (VOLUME)	1:1
WORKING TIME	3 to 5 min.




PROPERTIES OF CURED MATERIAL		
LAP SHEAR STRENGTH, ISO 4587, AFTER 24 HOURS, 22°C	Steel (grit blasted)	17 N/mm <sup>2</sup>
	Aluminum (etched)	13 N/mm <sup>2</sup>
	Polycarbonate	6.9 N/mm <sup>2</sup>
HIGH GAP FILL	Up to 5 mm depending on bond geometry	
TEMPERATURE RESISTANCE	-40°C to 150°C	
CHEMICAL RESISTANCE	Very good chemical/solvent resistance	

# LOCTITE® EA E-30 HV



## High Performance Potting & Bonding Epoxy Compound

### FEATURES

 <p><b>Excellent thermal resistance</b> Reliable performance in extreme conditions even upto 180°C</p>	 <p><b>Excellent electrical insulation</b> Great choice for electrical insulation application Dielectrical strength of 19.2 KV/mm</p>	 <p><b>Fast fixture strength</b> 3X-8X increase in production 4 hrs fixture time</p>
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PROPERTIES	LOCTITE® EA E-30 HV	CONVENTIONAL SOLUTION
Temperature Resistance (intermittent)	180°C	120°C
Dielectrical Strength KV/mm	19.2	17.3
Fixture Time	4 hours	6 hours





### SUBSTRATE VERSALITY





 <p>GLASS</p>	 <p>PLASTIC</p>	 <p>OPTICAL FIBER</p>	 <p>METAL</p>	 <p>CERAMIC</p>
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# SOLUTIONS TO COMMON ASSEMBLY CHALLENGES





» LOCTITE® ENGINEERING ADHESIVES AND SEALANTS ARE DESIGNED TO OFFER YOU MORE RELIABILITY AND COST-SAVINGS OVER CONVENTIONAL ASSEMBLY METHODS.






THREADLOCKING		
Traditional Method	Problem	LOCTITE® Solution
LOCKNUTS 	<ul style="list-style-type: none"> <li>• Double cost.</li> <li>• Requires extra space.</li> <li>• Corrodes in place.</li> <li>• Time consuming to assemble.</li> </ul>	<ul style="list-style-type: none"> <li>• Locks single nut.</li> <li>• Uses standard parts.</li> <li>• Seals against corrosion.</li> <li>• Fast assembly.</li> </ul>
SPRING WASHERS 	<ul style="list-style-type: none"> <li>• Not an effective locking system.</li> <li>• Can damage contact faces.</li> <li>• Large inventory.</li> </ul>	<ul style="list-style-type: none"> <li>• Completely vibration proof.</li> <li>• No damage, No corrosion.</li> <li>• One bottle size for all size threads.</li> </ul>
NYLON INSERTS 	<ul style="list-style-type: none"> <li>• On-torque needed.</li> <li>• Ineffective under severe vibration.</li> <li>• Requires good access.</li> <li>• Should not be re-used.</li> </ul>	<ul style="list-style-type: none"> <li>• Low on-torque.</li> <li>• Effective on adverse conditions.</li> <li>• Easy to apply.</li> <li>• Allows parts to be re-used.</li> </ul>
TAB WASHERS / SPLIT PINS 	<ul style="list-style-type: none"> <li>• Difficult production use.</li> <li>• Expensive.</li> <li>• Special design required.</li> </ul>	<ul style="list-style-type: none"> <li>• Apply manually or automatically.</li> <li>• Uses standard parts.</li> </ul>

THREAD SEALING		
Traditional Method	Problem	LOCTITE® Solution
TAPES 	<ul style="list-style-type: none"> <li>• Shredding clogs pipes.</li> <li>• Manual application only.</li> <li>• Elbow alignment.</li> <li>• Overtightening causes damage.</li> <li>• Poor vibration resistance.</li> </ul>	<ul style="list-style-type: none"> <li>• Unused sealant flushed away.</li> <li>• Automation possible.</li> <li>• Seals/locks in any position.</li> <li>• Vibration proof.</li> </ul>
PASTES 	<ul style="list-style-type: none"> <li>• Creeping/shrinkage.</li> <li>• Poor chemical resistance.</li> <li>• Poor vibration resistance.</li> </ul>	<ul style="list-style-type: none"> <li>• Sealed for life.</li> <li>• Resists most solvents.</li> <li>• Vibration proof.</li> </ul>
'O' RINGS 	<ul style="list-style-type: none"> <li>• Large inventory needed.</li> <li>• Easily damaged.</li> <li>• Special joint design.</li> </ul>	<ul style="list-style-type: none"> <li>• Universal products.</li> <li>• No parts to handle.</li> <li>• Uses standard parts.</li> </ul>
CONE FITTINGS 	<ul style="list-style-type: none"> <li>• Costly machining.</li> <li>• Easily damaged.</li> </ul>	<ul style="list-style-type: none"> <li>• Use standard parts.</li> <li>• Use with damaged cone fitting to ensure complete seal.</li> </ul>





GASKETING		
Traditional Method	Problem	LOCTITE® Solution
PRE-FORMED MATERIALS 	<ul style="list-style-type: none"> <li>• Relaxation.</li> <li>• Re-torquing.</li> <li>• Corrosion/fretting.</li> <li>• Manual application.</li> <li>• Large inventory.</li> </ul>	<ul style="list-style-type: none"> <li>• Constant seal / no re-torquing.</li> <li>• Total seal.</li> <li>• Automation possible.</li> </ul>
'O' RINGS 	<ul style="list-style-type: none"> <li>• Manual application.</li> <li>• Extra machining operation.</li> <li>• Large inventory.</li> </ul>	<ul style="list-style-type: none"> <li>• Automation possible.</li> <li>• Standard parts used.</li> <li>• No parts to handle.</li> <li>• Low inventory</li> </ul>
SEALING COMPOUNDS 	<ul style="list-style-type: none"> <li>• Often solvent based.</li> <li>• Can cause clogging.</li> <li>• Re-torquing.</li> <li>• Messy.</li> </ul>	<ul style="list-style-type: none"> <li>• Solvent-free.</li> <li>• Unused adhesive flushed away.</li> <li>• No relaxation.</li> <li>• Accurate application.</li> </ul>
CUTTING PAPER GASKETS 	<ul style="list-style-type: none"> <li>• Time consuming.</li> <li>• Operator skill.</li> <li>• Inconsistent performance.</li> </ul>	<ul style="list-style-type: none"> <li>• Little preparation.</li> <li>• Easy to apply.</li> <li>• Constant performance.</li> </ul>

RETAINING		
Traditional Method	Problem	LOCTITE® Solution
PRESS FIT 	<ul style="list-style-type: none"> <li>• High stress.</li> <li>• Fretting possible.</li> <li>• Assembly equipment required.</li> </ul>	<ul style="list-style-type: none"> <li>• Load spread over joint.</li> <li>• Can use lighter parts.</li> <li>• Hand assembly possible.</li> <li>• Relaxed tolerances.</li> </ul>
GRUB SCREWS 	<ul style="list-style-type: none"> <li>• Poor metal to metal contact.</li> <li>• Low torque transmission.</li> <li>• Extra machining.</li> </ul>	<ul style="list-style-type: none"> <li>• 100% contact.</li> <li>• Total surface contact creates high torque capability.</li> <li>• Basic machining.</li> </ul>
KEYS 	<ul style="list-style-type: none"> <li>• Prone to backlash and chattering.</li> <li>• Costly to produce.</li> <li>• Accurate machining.</li> </ul>	<ul style="list-style-type: none"> <li>• No movement/fretting eliminated.</li> <li>• One adhesive suits many applications.</li> <li>• Allows relaxed tolerances.</li> </ul>
SPLINES 	<ul style="list-style-type: none"> <li>• Costly machining.</li> <li>• Special design</li> <li>• Prone to wear.</li> </ul>	<ul style="list-style-type: none"> <li>• Basic machining</li> <li>• Normal parts.</li> <li>• No movement / fretting.</li> </ul>
PINS 	<ul style="list-style-type: none"> <li>• High stress concentration.</li> <li>• Prone to backlash.</li> <li>• Costly machining.</li> </ul>	<ul style="list-style-type: none"> <li>• Distributed stress.</li> <li>• No movement / fretting.</li> <li>• No extra work.</li> </ul>



# PRODUCT ORDERING INFORMATION

Product Name	IDH No.	Pkg. Size	Page	Product Name	IDH No.	Pkg. Size	Page
LOCTITE 222 THREADLOCKER	848062	250 ml bottle	5	LOCTITE AA 324 STRUCTURAL ADHESIVE	847578	250ml bottle	14
LOCTITE 222 THREADLOCKER	848063	50 ml bottle	5	LOCTITE AA 324 STRUCTURAL ADHESIVE	847577	50ml bottle	14
LOCTITE 243 THREADLOCKER	531707	250 ml bottle	5	LOCTITE AA H 3151 STRUCTURAL ADHESIVE	1751922	400ml cartridge	15
LOCTITE 243 THREADLOCKER	1367282	50 ml bottle	5	LOCTITE AA H 3151 STRUCTURAL ADHESIVE	398434	50ml cartridge	15
LOCTITE 243 THREADLOCKER	1427418	10 ml bottle	5	LOCTITE EA E-214HP	1617847	300ml cartridge	15
LOCTITE 243 THREADLOCKER	833788	1 litre bottle	5	LOCTITE EA E-120HP	1752564	400ml	15
LOCTITE 263 THREADLOCKER	1511183	250 ml bottle	5	LOCTITE EA E-30CL	1752546	50ml syringe	15
LOCTITE 263 THREADLOCKER	1367281	50 ml bottle	5	LOCTITE LB 771 NICKEL ANTI-SEIZE	1751839	1 lb	19
LOCTITE 277 THREADLOCKER	531722	250 ml bottle	5	LOCTITE LB 8009 HEAVY DUTY ANTI-SEIZE	1751851	510gm	19
LOCTITE 277 THREADLOCKER	531723	50 ml bottle	5	LOCTITE LB 8014 FOODGRADE ANTI-SEIZE	1751942	2 lb	19
LOCTITE 290 THREADLOCKER	848069	250 ml bottle	4	LOCTITE LB 8023 MARINE GRADE ANTI-SEIZE	1752448	16 oz	19
LOCTITE 290 THREADLOCKER	531724	50 ml bottle	4	LOCTITE LB 8150 SILVER ANTI-SEIZE	833783	500g jar	18
LOCTITE 401 INSTANT ADHESIVE	1669715	20g bottle	12	LOCTITE MR 5408 BELT DRESSING & CONDITIONER	1752531	12 oz	23
LOCTITE 401 INSTANT ADHESIVE	833784	1litre bottle	12	LOCTITE SF 7061 SURFACE CLEANER	849292	100ml aerosol can	20
LOCTITE 406 INSTANT ADHESIVE	1669713	20g bottle	13	LOCTITE SF 7070 ODC-FREE CLEANER AND DEGREASER	1522516	10litre bucket	21
LOCTITE 415 INSTANT ADHESIVE	848003	20g bottle	13	LOCTITE SF 7070 ODC-FREE CLEANER AND DEGREASER	1423361	150g bottle	21
LOCTITE 415 INSTANT ADHESIVE	849230	500gm bottle	13	LOCTITE SF 7070 ODC-FREE CLEANER AND DEGREASER	1423327	425g bottle	21
LOCTITE 454 INSTANT ADHESIVE	1752383	20g bottle	13	LOCTITE SF 7611 PRO STRENGTH PARTS CLEANER	1752427	190z aerosol can	21
LOCTITE 454 INSTANT ADHESIVE	88525	300g cartridge	13	LOCTITE SF 7840 NATURAL BLUE	789705	20litre bucket	21
LOCTITE 495 INSTANT ADHESIVE	1669711	20g bottle	13	LOCTITE SF 7840 NATURAL BLUE	789065	5litre bottle	21
LOCTITE 510 FLANGE SEALANT	910888	300ml cartridge	8	LOCTITE SF 790 CHISEL GASKET REMOVER	1751840	510g aerosol can	21
LOCTITE 510 FLANGE SEALANT	848731	250ml tottle tube	8	LOCTITE SF 790 CHISEL GASKET REMOVER	1409698	510g bottle	21
LOCTITE 510 FLANGE SEALANT	848390	50ml tottle tube	8	LOCTITE SI 587 BLUE	1266356	95g tube	9
LOCTITE 518 FLANGE SEALANT	2118117	250ml tottle tube	8	LOCTITE SI 587	1246389	300ml cartridge	9
LOCTITE 518 FLANGE SEALANT	2118119	50ml tottle tube	8	LOCTITE SI 5900	1257126	300ml cartridge	9
LOCTITE 542 THREAD SEALANT	848736	250 ml bottle	7	LOCTITE SI 596 HIGH TEMP RED SILICONE	317667	300ml cartridge	9
LOCTITE 542 THREAD SEALANT	848735	50 ml bottle	7	TEROSON MS 930 BLACK	1845185	310ml cartridge black color	16
LOCTITE 55 PIPE SEALING CORD	1752446	150 metres	6	TEROSON MS 930 GREY	1656500	310ml cartridge grey color	16
LOCTITE 565 THREAD SEALANT	1752552	250 ml bottle	7	TEROSON MS 930 WHITE	1656499	310ml cartridge white color	16
LOCTITE 565 THREAD SEALANT	1751917	50 ml bottle	7	TEROSON MS 935 BLACK	1940293	290ml cartridge black color	17
LOCTITE 567 THREAD SEALANT	1752545	250 ml bottle	7	TEROSON MS 9399	2048329	400ml white	17
LOCTITE 567 THREAD SEALANT	1752537	50 ml bottle	7	TEROSON MS 939 BLACK	1752515	570ml sausage black color	17
LOCTITE 574 FLANGE SEALANT	848734	250ml tottle tube	9	TEROSON MS 939 GREY	1846007	290ml cartridge grey color	17
LOCTITE 574 FLANGE SEALANT	848739	50ml tottle tube	9	TEROSON MS 939 WHITE	212653	570ml sausage white color	17
LOCTITE 577 THREAD SEALANT	2121367	250 ml tottle tube	7	TEROSON PU 8590	1574002	310ml cartridge	17
LOCTITE 577 THREAD SEALANT	2121780	50 ml tottle tube	7	TEROSON PU 8590	1574212	310ml kit	17
LOCTITE 609 RETAINER	848745	250ml bottle	11	LOCTITE FREKOTE 770-NC	416032	1 gal drum	22
LOCTITE 609 RETAINER	848744	50ml bottle	11	LOCTITE FREKOTE R-120	1661893	20 litre	22
LOCTITE 638 RETAINER	1865048	250ml bottle	11	LOCTITE FREKOTE R-220	2007063	5 gal	22
LOCTITE 638 RETAINER	1865160	50ml bottle	11	LOCTITE AA 349 LIGHT CURING ADHESIVE	1751830	50ml bottle	23
LOCTITE 641 RETAINER	848750	250ml bottle	11	LOCTITE AA 349 LIGHT CURING ADHESIVE	1751833	1 litre bottle	23
LOCTITE 641 RETAINER	848752	50ml bottle	11	LOCTITE AA 352 STRUCTURAL ADHESIVE	847579	50ml bottle	23
LOCTITE 648 RETAINER	1865164	250ml bottle	11	LOCTITE AA 352 STRUCTURAL ADHESIVE	848070	250ml bottle	23
LOCTITE 648 RETAINER	1865163	50ml bottle	11	LOCTITE AA 3081 LIGHT CURING ADHESIVE	1752409	1 litre bottle	23
LOCTITE 660 RETAINER	1752417	50ml bottle	10				

# LOCTITE®

The competitive advantage  
to secure your success



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## Henkel Adhesives Technologies India Private Limited

### Mumbai

#### Corporate Office

10th Floor, Kesar Solitaire,  
Plot No. 5, Sector - 19, Sanpada,  
Navi Mumbai - 400 705,  
Maharashtra, India  
Phone : +91 22 3929 6600

### Chennai

Arunodayam, No. 14 & 16,  
Raman Street, North Boag Road,  
T. Nagar, Chennai - 600 017,  
Tamil Nadu, India  
Phone : +91 44 3354 6123

### Pune

Survey No. 234, 235 and 245,  
Phase 1, Hinjewadi,  
Pune - 411 057,  
Maharashtra, India  
Phone : +91 20 3980 3100

### Delhi

74, Industrial Corporation,  
Mehrauli Gurgaon road,  
Gurgaon - 122 001,  
Haryana, India  
Phone: +91 124 300 5200

### Factory

D3/D4, MIDC Industrial Estate,  
Jejuri - 412 303. Pune District,  
Maharashtra, India  
Phone : +91 211 530 0017

**[www.henkel.in](http://www.henkel.in)**

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