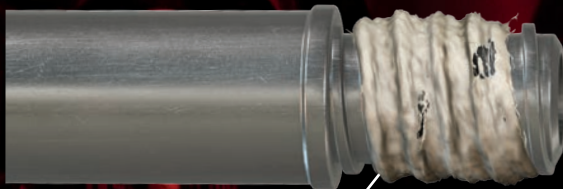


THREAD SEALANTS

Leaks cause downtime.
Liquid thread sealants prevent them.



PROBLEM

With conventional thread sealants: Pressurised fluids and gas can cause costly leaks and downtime.



SOLUTION

With liquid thread sealants: Joints are sealed to the burst point of most piping systems.

Seal out leaks. Seal in productivity.

Thread sealants fill the space between threaded parts and can provide an instant, low pressure seal that prevents fluid and gas leaks which can cause costly downtime. LOCTITE® has a variety of thread sealants, and the one you need will depend on your system material and thread type.



How to choose a thread sealant.



SUBSTRATE

There's a LOCTITE® thread sealant for any type of piping system.

METAL

For metal-to-metal pipe connections and fittings, use LOCTITE® anaerobic thread sealants. They cure in the absence of air and by contact with metals.

PLASTIC

For metal-to-plastic or plastic-to-plastic threaded pipe connections, use LOCTITE® silicone / cord thread sealants. Both solutions comply with AS/NZS 4020:2018 for potable water systems.



THREAD TYPE

There are two types of threads to consider. The National Pipe Taper (NPT) seal, most widely used in the United States and Canada, which requires a lower strength thread sealant for disassembly. The British Standard Pipe Taper (BSPT), more common in other countries, requires a higher strength thread sealant in order to seal the connection properly.



FORM

Thread sealants are available in a variety of forms, from liquid to paste to solid. Each is suited to different applications. Liquids are ideal for flowing into gaps in threaded connections. Pastes and solids are best for overhead applications where it's necessary to prevent drips, or an instant seal is needed.

Find the right product for your application



SUBSTRATE

Metal

LOCTITE® 567™
LOCTITE® 577™
LOCTITE® 561™
LOCTITE® 569™

Plastic

LOCTITE® SI 5331™
LOCTITE® 55™



Metal THREAD SEALANTS



567™
General Purpose



Substrate: Metal



Thread Type: Tapered, NPT and Straight



Form: Paste

Viscosity: 540,000 Thixotropic
Temperature Resistance: 250°C



577™
General Purpose



Substrate: Metal



Thread Type: Coarse



Form: Paste

Viscosity: 25,000 mPa·s
Temperature Resistance: 180°C



561™
No-drip, No-mess



Substrate: Metal



Thread Type: Tapered and Straight



Form: Semi-solid

Viscosity: Semi-solid
Temperature Resistance: 150°C



569™
Metal Pipes and Fittings



Substrate: Metal



Thread Type: Fine



Form: Liquid

Viscosity: Low
Temperature Resistance: 150°C

Plastic THREAD SEALANTS



SI 5331™
General Purpose



Substrate: Plastic, Metal



Thread Type: Coarse



Form: Paste

Viscosity: 50,000 mPa·s
Temperature Resistance: 150°C



55™
Sealing Cord



Substrate: Plastic, Metal



Thread Type: Coarse



Form: Cord

Viscosity: Cord
Temperature Resistance: 150°C

THREAD SEALANTS

Product	Item Number	Pack Size	Features	Colour	Viscosity [cP]	Thixotropic [yes/no]	Temperature Range	Breakloose Torque Steel M10, Pre-torqued 5 N.m
METAL								
567™	2087068	6 ml	For Stainless Steel, High temperature, Potable water approval AS/NZS 4020:2018 PTT40069	Off-White	540,000	Yes	-55°C to 250°C	17
	2779093	50 ml						
	2099597	250 ml	AGA Certificate 3207 to 2000 kPa Class III Domestic Gas					
577™	2779092	50 ml	For use with parallel or tapered fittings. Primerless. Medium-High Strength, General Purpose	Yellow	100,000	Yes	-55°C to 180°C	27
	2099610	250 ml	Watermark WMTS 014:2016 certified - WMK26725, AGA Certificate 4787 to 2000 kPa Class III Domestic Gas					
5770™	1138284	50 ml	High temperature for steam application	Grey	Paste	No	-55°C to 280°C	27
561™	943428	19 g	Easy application on hard to reach areas	Off-White	Semi-solid wax	No	-55°C to 150°C	9
542™	470771	10 ml	Hydraulic / pneumatic sealant up to 1", no fillers	Brown	2,000	No	-55°C to 150°C	25
	234422	50 ml						
569™	234473	50 ml	Hydraulic / pneumatic sealant up to 3/4", no fillers	Brown	400	No	-55°C to 150°C	5
	234475	250 ml	AGA Certificate 3375 to 2000 kPa Class III Domestic Gas					
536™	1787978	50 ml	Low breakloose, high lubricating property	Off-White	820,000	No	-55°C to 177°C	0.5
PLASTIC								
SI 5331™	2061031	100 ml	For plastic and metal, silicone based Potable water approval AS/NZS 4020:2018 PTT40032	White	50,000	No	-55°C to 150°C	4.5
55™	473136	160 m	Safe, fast, and easy to use on Metal and plastic threaded fittings, allows reliable post-adjustment, Polyamide based sealing cord Watermark WMTS 014:2016 certified - WMK26725 AGA Certificate 6007 to 2000 kPa Class III Domestic Gas	White	Cord	No	-55°C to 150°C	Not Applicable

