

# Sealtite Metal Thread Joint Sealer

Sealtite is an anaerobic sealant and threadlock which provides a perfect seal of medium unscrewing strength which withstands pressure up to 150atm. on metallic threaded joints and flat surfaces. Suitable for use with piping containing gas, water, LPG, hydrocarbons, oil, compressed air, fluids for refrigerators, etc. It is used without hemp, gaskets and PTFE. Fully resistant to vibration, temperature changes, corrosion, high temperatures and ageing in accordance with DIN 30 661 regulation. It is designed to be used for threaded joints in metal pipework carrying water, gas, oils, refrigerant fluids, LPG gas etc., and between temperatures of - 50°C to 150°C.

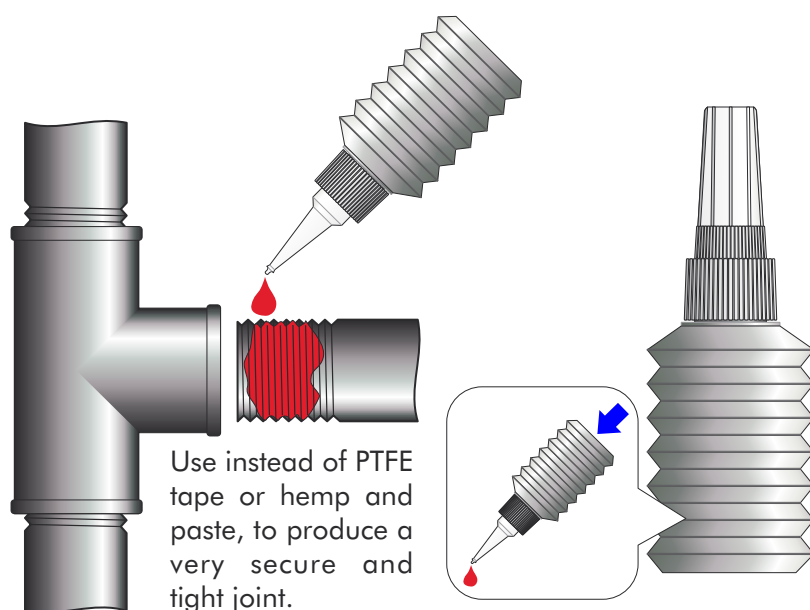
## Instructions for Use

- 1 Remove the outer sprung cap, and cut the nozzle to required size.
- 2 Apply just a few drops on the surface of the cleaned and de-greased thread, and apply the threaded section to the other part of the fitting in the normal way.
- 3 To prolong the life of the applicator contents, make sure that the cap is "snapped" firmly back on the nozzle between applications.
- 4 Sealtite will achieve an optimal polymerisation and seal after about 3 hours.



## Features:

- Anaerobic sealant
- Working temperature: from -55°C to +150°C.
- RED TYPE: In compliance with UNI EN 751/1
- Medium unscrewing strength; it withstands pressure up to 150 atm.
- A bonding agent that does not cure in the presence of air



## General Information Concerning Anaerobic Sealants

Thread-locking fluid may be applied before or after assembly, depending on the type. Threadlockers are available in "permanent" and "removable" formulas, with heavy-duty permanent threadlockers rated to withstand as much as 3,000 psi (21 MPa) in shear. Some threadlockers are removable with the application of heat. Many brands use color-coded labeling to indicate each type's strength and whether it is permanent or removable.

Because thread locking adhesives typically rely on the electrochemical activity of a metal substrate to form a bond, substrates often require thorough cleaning, and in the case of less electrochemically active metals such as aluminium, priming. Lock washers, locknuts, jam nuts, and safety wire may be used in conjunction with thread-locking fluid to prevent loosening of bolted joints.

Because electrochemical activity is one of the two triggers that cause polymerization of the threadlocker fluid, care must be taken to avoid contaminating the entire container of threadlocker with threadlocker that has had contact with metal, otherwise the material in the container may polymerize.

**A few drops are simply applied to the surface of the cleaned and de-greased thread, which is then screwed into the other part of the fitting in the normal way. Sealtite achieves optimal polymerisation and a seal after about 3 hours.**

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