

THREAD LOCK * THREAD LOCK * THREAD LOCK *
THREAD LOCK * THREAD LOCK * THREAD LOCK *
THREAD LOCK * THREAD LOCK * THREAD LOCK *

SEALING THREAD LOCK

—

BENSELER uses chemical thread-locking coatings partially applied to the threads to reliably seal thread pairs of all sizes, different material pairing and surface finish against gases and fluids. For this pre-coating step, the company uses various products, which can be applied to the internal and external thread, depending on the requirements. The sealant completely fills the thread play when tightening the screws so that the **sealing effect sets in immediately**. The sealing thread locker is suitable for sealing cylindrical and conical threads, such as screws, (threaded) plugs and pipe fittings. It renders both cylindrical/cylindrical as well as cylindrical/conical thread pairs impermeable to, for example, gases, oils, petrol, diesel, brake fluids and solvents.

SEALING THREAD LOCK

PROCESS FLOW

The sealing coating is a film-forming dispersion with non-reactive mineral solids, which is applied to the threads all around and then left to dry. These pre-coatings are usually non-reactive products, which means they do not require any reaction time and the threaded parts coated with this dry, non-sticky film are immediately ready for use, pourable and transportable, making the thread lock a captive and permanent part of the thread.

CHARACTERISTICS

- application temperature up to 170 °C
- dry to touch and pourable after curing
- easy and quick assembly
- effective immediately after screwing
- no additional sealing elements required
- meets technical delivery requirements of the automotive industry
- products used: omniTECHNIK precote 4/5/6/9/30, 3M Scotch-Grip 4291, LOCTITE Driseal 5061, and others



LOCATION:

BENSELER

BENSELER BETEO

GmbH & Co. KG

Kirchhoffstraße 3

51647 Gummersbach

GERMANY

Phone.: +49 2261 29045 0

E-Mail: info@benseler.de

www.benseler.de