

precote 15

Sealing for threaded joints

DVGW-certified

KTW: formulation positively tested for the use in hot and cold water as well as small area sealant in drinking water applications

Description

precote 15 is a nonreactive and safe to use pre-coating used for immediate sealing of cylindrical and conical threads. The dried film is tack-free and very elastic.

Application

Sealing for assembly components e.g. screws, studs, plugs and pipe threads, both cylindrical/cylindrical and cylindrical/conical parts. precote 15 can also be applied to flange head screws or plugs with collar for under head sealing and used as a sealing material for rivets.

Properties

- Forms a dry to the touch and elastic film.
- No leakage immediately after assembly.
- Harmless to health, in liquid or coated condition and after assembly of the coated part.
- Threaded parts are pre-coated, e.g. by omniTECHNIK coating machine.
- Controlled thread friction values when assembled.
- Avoids corrosion in the threaded connection.
- Can be applied on all threaded materials - also on plastics.
- Good thermal and chemical resistance.
- DVGW registration number: NG-5142BU0287

Technical data - precote 15

Colour		white
Thread friction value μ_{thread}		0.10 - 0.15
Hardness - Shore A at RT		30 - 50
Initial installation torque *		3 - 5 Nm
Sealing effect	cylindrical/cylindrical cylindrical/conical	< 15 bar (217 psi) > 50 bar (725 psi)
Resistance -	air automatic transmission oil motor oil gear oil glycol/water 50/50 tape water brake fluid fuel diesel	-60°C to +180°C (-76°F to 356°F) +150°C (300°F) +150°C (300°F) +150°C (300°F) +120°C (248°F) +100°C (212°F) +150°C (300°F) room temperature room temperature
Shelf-life		4 years at max.30°C and max. 65% relative humidity

Storage- and transport conditions can be taken from the oT-packaging indication.

*All values based to screws M10 ISO 4017-8.8 plain finish
and nuts M10 ISO 4032-10 plain finish

01/12

Guarantee: As we do not know the specimen, dimensions, materials, combinations, surface conditions etc. of the threads in question, it is absolutely essential to run quality tests prior to general use to make sure about the required performance under field conditions. Our guarantee is confined to supplying precote in proper quality. In view of the fact that processing of precote by the coating partner and the application of precote coated parts are beyond our knowledge and influence we cannot guarantee for the quality of parts coated with precote and assemblies made thereof. We accept liability for the fitness of our products for particular purposes and liability for particular qualities of our products only in the event that we have accepted such liability in writing in the individual case. In any event any justified warranty claims shall be limited to the delivery of replacement goods which are free from defect or, in the event that such subsequent improvement fails, to reimbursement of the purchase price. Any and all further claims, in particular but without limitation any liability for consequential damage, shall be excluded.