

precote 19-7

**Clamp Coating with
High Installation Torque
and Low Thread Friction**

Description

precote 19-7 is a nonreactive coating used for immediate clamping of cylindrical threads. It contains PTFE for the adjustment of the thread friction. The coating is dry, tack-free, with good adherence and can be used in all kind of assembly procedures.

Application

precote 19-7 is used as a coating for assembly components e.g., screws and studs in cylindrical/cylindrical pairing, where controlled and high initial installation torque for adjustment is needed. Furthermore precote 19-7 can be used as securing device against the loosening through vibration or during transportation.

Properties

- Clamping immediately after assembly.
- Low thread friction.
- Constant assembly properties.
- Forms a dry to the touch coating.
- Can be applied to metallic and non metallic surfaces.
- Good chemical resistance.
- Non hazardous.

Technical data

Typical Properties	
Chemical Type	Acrylate
Color	yellow / colorless
Thread friction value μ_{Thread}	0,10 – 0,15
Initial installation torque*	6 – 11 Nm
Sealing properties	
Threads cylindrical/cylindrical	< 15 bar
Maximum operation temperature in air	-60°C to +110°C -75°F to +230°F
Good chemical resistance: tested according to all current automotive standards	

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

Shelf life 4 years at max. 30°C and max. 65% relative humidity.

Storage and transport conditions see omniTECHNIK packaging information.

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Note: 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.