

precote 4

Coating for Sealing

Description

precote 4 is a nonreactive coating used for immediate sealing of cylindrical and conical threads. The coating is dry, tack-free, with good adherence and can be used in all kind of assembly procedures.

Application

precote 4 provides sealing for assembly components e.g., screws, studs, plugs and pipe threads, both cylindrical/cylindrical and cylindrical/conical parts against gases, water and other liquids. precote 4 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

- Sealing immediately after assembly.
- Controlled thread friction values when assembled.
- Forms a dry to the touch coating.
- Good thermal and chemical resistance.
- Can be applied to metallic and non metallic surfaces.
- Non hazardous.

Technical data

Typical Properties	
Chemical Type	Acrylate
Color	white / blue
Thread friction value μ_{Thread}	0,18 – 0,23
Initial installation torque*	1,5 – 2,5 Nm
Sealing properties	
Threads cylindrical/cylindrical	< 15 bar
Threads cylindrical/conical	tested up to 50 bar
Maximum operation temperature in air	-60°C to +180°C -75°F to +355°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.