

precote 4

The Thread Precoating for Sealing

Description

precote 4 is a nonreactive, film-forming dispersion with mineral solids for coating threaded parts. It is a physiologically harmless precoating for immediate sealing of cylindrical and conical threads. The dried film is dry-to-touch.

Application

On threaded parts in plumbing (cylindrical/cylindrical and cylindrical/conical combinations) like screws, studs, plugs and pipe threads for sealing against gases, water and other liquids. A special inhibitor avoids corrosion also on brass fittings.

Properties

- Forms a dry-to-touch film.
- Seals immediately after assembly.
- Is physiologically harmless in liquid and coated condition.
- Threaded parts can be preapplied long time before assembly (oT coating machine).
- Thread friction values are not altered.
- Avoids corrosion in the threaded connection.
- Can be applied on all threaded materials - also on plastics.
- Good chemical resistance.

Technical data - precote 4

colour		white / blue
thread friction value μ_{thread}		0.18 – 0,23
initial installation torque M10 x 1.5		1,5 – 2,5 Nm
sealing effect	straight/straight taper/straight	< 15 bar (216 psi) > 50 bar (720 psi)
resistance -	air motor oil gear oil glycol/water 50/50 tape water brake fluid fuel diesel	-60°C to +180°C +150°C +150°C +120°C +100°C +150°C room temperature room temperature

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

shelf life 4 years at room temperature
27/65 DIN 50014

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and nuts M10 ISO 4032-10 plain finish

02/11

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.