

precote 10 -1

Prevail Torque Precoating

Description

precote 10 -1 is a nonreactive, film-forming polyamide dispersion for coating threaded parts. It is a physiologically harmless precoating for immediate locking and sealing of cylindrical and conical threads. The dried film is tack-free and dry to the touch.

Application

On threaded parts (cylindrical/cylindrical and cylindrical/conical combinations) like screws, studs, plugs and pipe threads for locking and fixing as well as sealing against gases and liquids. A special formulation makes it possible to get a more time reusability.

Properties

- Forms a dry to the touch and tack-free film.
- Locking; fixing and sealing immediately after assembly.
- Reusable
- 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 metal materials.
- Good chemical resistance.
- Values according DIN 267 part 28

Technical data - precote 10 - 1

colour	green
thread friction value μ_{thread}	0,14 – 0,18
installation torque M10 x 1.5 * depending on coating thickness	8 - 15 Nm
sealing effect straight/straight taper/straight	< 15 bar (216 psi) > 50 bar (720 psi)
resistance -air	-50°C to +180°C
motor oil	+150°C
gear oil	+150°C
glycol/water 50/50	+120°C
tape water	+100°C
brake fluid	+150°C
fuel	room temperature
diesel	room temperature
shelf-life (melted)	unlimited at room-temperature 27/65 DIN 50014

* All values apply to screws M10 ISO 4017-8.8 plain finish
and nuts M10 ISO 4032-10 plain finish comply with DIN 267, part 28

06/04

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.