



precote 80
precote 80-3, precote 80-8
High-Strength and Heat-Resistant Thread Coating

Description

precote 80, precote 80-3 and precote 80-8 are varnish-like, solvent free coating systems based on microencapsulated acrylates for sealing and locking of threaded parts. The dried film is tack-free, non sticky and can be used in all kind of assembly procedures. Its characteristics as a locking and sealing element become effective only when the capsules are ruptured by shear and pressure stress and the adhesive is allowed to cure.

Application

All versions of precote 80 are high strength thread locking coatings with a locking effect even at high temperatures. They can be used on all types of external and internal threads

- precote 80: Thread locker for threads > M6 or pitches > 1mm
- precote 80-3: Recommended for accelerated curing for threads > M6 or pitches > 1mm.
Yellow UV marker visible under UV light.
- precote 80-8: Recommended for threads ≤ M6 or pitches ≤ 1mm.
White UV marker visible under UV light
- precote 80-3-8: Recommended for accelerated curing for threads ≤ M6 or pitches ≤ 1mm.
White UV marker visible under UV light.

Properties

- precote 80 and precote 80-8 exceed the required values of DIN 267-27 after 6 hours curing at RT. Fast curing precote 80-3 exceeds these values after 30 minutes.
- Temperature range up to +170°C (+340°F) (DIN 267-27), resp. +200°C (+390°F) (GMW 14657).
- Sealing up to 400 bar (5760 psi).
- Good chemical and temperature resistance.
- Forms a dry and tack free film.
- Captive part of the thread.
- No post-curing even after repeated temperature exposure.
- Thread friction must be considered on assembly.
- Prevents corrosion in the threaded connection.

Chemical Type Acrylat
Colour Red

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

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