



precote 85
precote 85-3, precote 85-8
High-Strength and Heat-Resistant Thread Coating

Description

precote 85, precote 85-3 and precote 85-8 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

- precote 85 Thread locker for threads > M6 or pitches > 1mm
- precote 85-3: Recommended for accelerated curing for threads > M6 or pitches > 1mm
- precote 85-8: Recommended thread locker for threads ≤ M6 or pitches ≤ 1mm
White UV marker visible under UV light.
- precote 85-3-8 Recommended for accelerated curing for threads ≤ M6 or pitches ≤ 1mm
White UV marker visible under UV light.

Properties

- precote 85 and precote 85-8 exceed the required values of DIN 267-27 after 6 hours curing at RT. Fast curing precote 85-3 exceeds these values after 30 minutes.
- Low, controlled thread friction
- 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
- Prevents corrosion in the threaded connection.

Chemical Type	Acrylate
Colour	turquoise

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

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