



MICRO-ENCAPSULATED (NON REACTIVE)

Description

Micro-encapsulated coatings contain products that improved fixation and locking of the thread, providing tightness and avoiding self-loosening. There are following types:

- **PRECOTE Non-reactive.** Water based products that obtain their optimal physical characteristics and tightness after drying and mating the parts. The assembly can be operative just after their tightening.



General properties

Parts with micro-encapsulated coating

Application technology

Application around the thread 360°

Standards and specs

- DIN 267 part 28

| Precote Non Reactive | Colour | Type | Appearance | Effect | Temperature range | COF μ | Main function |
|----------------------|----------------------|--|-------------------------|--------------------------------|-------------------|-----------|---|
| 4 | White Blue | Filmogenic dispersion | Dry to touch soft | Only adjustment, very low | -50 up to +180°C | 0,1-0,15 | Sealing |
| 5 | White Blue | Filmogenic dispersion | Dry to touch soft | Only adjustment | -50 up to +180°C | 0,1-0,15 | Sealing |
| 6 | White Green | Filmogenic dispersion | Dry to touch soft | Only adjustment, low | -50 up to +110°C | 0,25-0,30 | Sealing + locking |
| 9 | White | Filmogenic dispersion | Dry to touch soft | Only adjust, Med/high | -50 up to +180°C | 0,1-0,15 | locking |
| 19-2 | Transp Red | Filmogenic dispersion | Dry to touch soft | Only adjust, Med/high | -50 up to +90°C | 0,25-0,30 | Sealing + locking |
| 19-7 | Transp Red Yellow | Filmogenic dispersion | Dry to touch Solid | Only adjustment Medium | -50 up to +150°C | 0,1-0,15 | Sealing high preload+ locking |
| 10 | Grey | Dispersion Nylon | Dry to touch Very solid | Only adjustment High/very high | -50 up to +150°C | 0,16-0,20 | Sealing + locking |
| 10-1 | Green | Dispersion Nylon | Dry to touch Solid | Only adjustment High/very high | -50 up to +150°C | 0,14-0,18 | Sealing + locking |
| 709 | Anthracite | Filmogenic dispersión + solid minerals | Dry to touch Plastic | Only adjustment Very low | -50 up to +700°C | 0,09-0,13 | High preload, good rinsing resistance/ very high temperatures |

- Immediate sealing afted assembly
- Loosening torque us the same as the tightening torque
- Locikng function under clamping forces and low frequency vibrations
- Not to be used in threaded components with oil and grease

THIS TREATMENT IS APPLIED DIRECTLY IN LINE OR IN COMBINATION WITH PREVIOUS AND SUBSEQUENT APPLICATIONS.

GALOL S.A. offers the possibility to reduce logistic costs between the different operations of manufacturing of the part .

GALOL S.A.

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