

# Thread lock made of **GESI-Polyamide Coating**

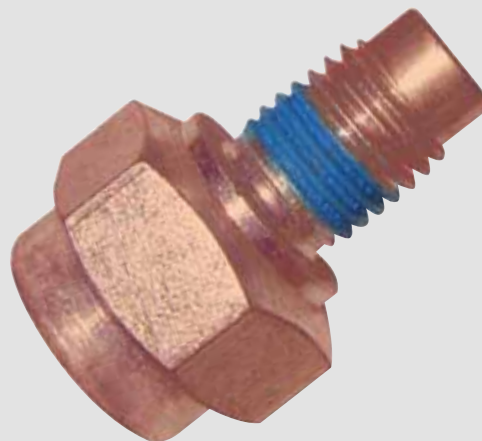
*(Equal to TufLok®)*

According to DIN 267-28

Designed as spot or  
all-around coating

For multiple reuse

Standard colour – blue



**Save**  
Glue  
**Grip**

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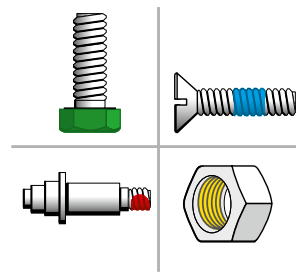
Seal

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Lubricate

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Protect



**GESI-coating** is a cost-effective way to avoid accidental loosening and releasing of bolts and threaded parts. The **GESI-coating** process creates a connection which can be separated at any time without losing the reliability of the thread lock – even after multiple screwing in and off.

# GESI-Polyamide Coating

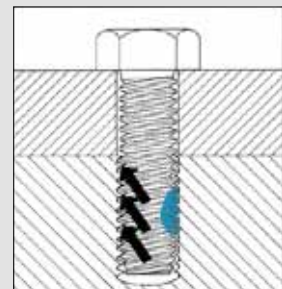
(Equal to TufLok®)

Type	Colour	Operating temperature °C
Polyamid-Rundum	blue, other colors available	-60 to +120
Hight-Temp 150	white, black	-50 to +150
Hight-Temp 260	orange	-50 to +260

## Technical Data – GESI-Coating

Design	according to DIN 267-28
Reusable	up to 5 times
Product colour	blue, yellow, red, green, grey
Coefficient of thread friction	0.12 – 0.14
Fluid and gas-tight	Up to 15 bar in case of all-around coating
Heat resistance	-60 °C to +120 °C, temporarily max. +130 °C For higher temperature are available High-Temp 150 and 260
Position of coating	According to DIN 267-28 or to customer's specifications
Shape of coating	Spot, all-around (360°) or strips
Range of application	M 0.8 - M36
Coatable materials	Stainless steel, steel, brass, aluminium
Coatable surfaces	Every galvanized and lamellar zinc coating Additives can change the adhesive properties
Tightening torque and prevailing torque	According to DIN 267-28 or to customer's specifications
Shelf-life	4 years

**Polyamide coating** is a P11 which is applied to a part of the thread and causes a gripping effect when it is screwed in. The polyamide mass fills the axial space between the screw and the nut thread and with this, it causes a high contact pressure between the opposite, uncoated flanks of the threads. This type of connection withstands dynamic loads. When the polyamide is applied, the threaded element has a temperature of 200 to 230 °C caused by the production process.



This technical information shall only show examples for applications or suggestions. Their adoption or implementation needs to be tested.