

Revised  
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## **TECHNICAL DATA SHEETS**

### **TORQUE 175**

#### **Description:**

**TORQUE 175** is a medium strength anaerobic sealant for threads connectors up to 1"1/2. To be used in the sealing of gases, water, LPG, hydrocarbons, oils and other chemicals. Cured sealant forms elastic films highly resistant to vibrations and shocks. Retains sealant properties up to 200°C

#### **Properties of Uncured Material:**

Composition	anaerobic methacrylate
Color	red
Viscosity (25°C - mPa.s)	4,000
Specific weight (25°C - gr/ml)	1.05
Max diameter of thread/gap filling	1" 1/2 / 0,25 mm
Flash point	about 100°C
Solvent content	none
Shelf life 23°C (T max <28°C)	1 year

#### **Properties of Cured Material:**

(Zinc plated bolt M 10 x 20 - quality 8.8 - nut h = 0,8.d)	
Handling cure time	15 - 30 minutes
Functional cure time	1 - 3 hours
Full cure time	12 - 24 hours
Shear strength (ASTM D-1002)	10 - 14 N/mm <sup>2</sup>
Locking torque:	
breakway (ISO 10964)	18 - 28N.m
prevailing (ISO 10964)	18 - 28 N.m
Temperature range	-55 +150°C

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