

Revised  
June 2003



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## **TECHNICAL DATA SHEETS**

### **TORQUE 170**

#### **Description:**

**TORQUE 170** is a anaerobic sealant for thread connections allowing easy dismantling of parts. Upon curing will give an elastic film to replace yarn, P.T.F.E. tapes, and solid gaskets for the sealing of gas, air, water, LPG, oils, hydrocarbons and many chemicals. Shocks and vibrations resistant, will keep unaffected properties of sealing in the range of temperature from -50° to +180°C.

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

Composition	anaerobic methacrylate
Color	blue
Viscosity (25°C - mPa.s)	4,500
Specific weight (25°C - gr/ml)	1.02
Max diameter of thread/gap filling	M 56 / 2" / 0,30 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	5 - 10 hours
Shear strength (ASTM D-1002)	4 - 6 N/mm <sup>2</sup>
Locking torque:	
breakway (ISO 10964)	8 - 12N.m
prevailing (ISO 10964)	4 - 8 N.m
Elongation of film	over 100%
Temperature range	-55 +180°C

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