

EMERGENCY PHONE 1-800-255-3924
TECHNICAL DATA SHEETS
TORQUE 177

Description:

TORQUE 177 is a Anaerobic curing adhesive for the sealing of thread joints. Replaces PTFE tape and yarn, gives instant sealing against moderate pressure, gives flexible cured film. Seals against gas, water, LPG, hydrocarbons, oils and other chemicals. Thixotropic property prevents migration from thread of the sealant before or during curing. Shocks and vibrations resistances are unaffected properties of sealing in the range of temperature from -50 to +150°C.

Properties of Uncured Material:

Composition	anaerobic methacrylate
Colour	white
Fluorescence	under blue light
Viscosity (25°C - mPa.s)	90,000 thixotropic
Specific weight (25°C - gr/ml)	1.05
Gap filling	M 80 / 3" / 0,50 mm
Flash point	> 100°C
Solvent content	none
Shelf life 25°C	1 year
Friction coefficient μ	0.13

Properties of Cured Material:

Handling cure time	5 - 10 minutes
Functional cure time	3 - 6 hours
Full cure time	0.5 - 1 hours
Shear strength	6 - 13 N/mm ²
Locking torque:	
breakway	18 - 22 N.m
prevailing	10 - 14 N.m
Temperature range	-55 +150°C

Engineering Excellence

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