

**EMERGENCY PHONE 1-800-255-3924**

## **TECHNICAL DATA SHEETS**

### **TORQUE 176**

#### **Description:**

**TORQUE 176** is a medium strength anaerobic adhesive for sealing hydraulic and pneumatic threads connectors up to 2". To replace P.T.F.E. tapes in the sealing of gases, water, LPG, hydrocarbons, oils and other chemicals.

**TORQUE 176** is medium thixotropic which prevents migration of the sealant before or during curing. Highly resistant to heat, corrosion, shocks and vibrations.

#### **Physical Properties:**

|                                     |                   |
|-------------------------------------|-------------------|
| Color:                              | Blue              |
| Viscosity:                          | 20,000 cps        |
| Specific gravity:                   | 1.04              |
| Max diameter of thread/gap filling: | 3" – M80 – 0.30mm |
| Flash Point                         | >100°C            |
| Solvent content                     | none              |
| Shelf Life 25°C                     | 1 Year            |

#### **Curing Properties:**

|                       |                        |
|-----------------------|------------------------|
| Handling cure time:   | 15-30 minutes          |
| Functional cure time: | 1 to 3 hours           |
| Full cure time:       | 5 to 10 hours          |
| Shear Strength:       | 8-12 N/mn <sup>2</sup> |
| Locking torque        |                        |
| Breakaway             | 10-15 n.m.             |
| Prevailing            | 12-18 n.m.             |
| Temperature range:    | -55 to 150°C           |

### **Engineering Excellence**

For technical information  
and support call **1-800-552-0299** or visit our website at

**[www.instantca.com](http://www.instantca.com)**