



# PRODUCT DATA SHEET

## Industrial Grade T-7 Pipe Sealant With PTFE Stock No. B-20567



BTS T-7 Pipe Sealant is a high performance gasketing pipe sealant material with PTFE, which provides high lubricity to all threaded metal substrates and immediate low pressure sealing performance on tapered pipe threads. The product is designed to cure when in contact with metals and without air by anaerobic reaction up to the burst rating or the pipe itself. The product cures to a solid plastic, completely sealing against hydraulic fluids, air, most gases, and most chemicals. It is an excellent replacement for pipe dopes and pipe tapes. BTS T-7 is particularly effective on stainless steel, aluminum, and all other metal pipe threads.

**V.O.C.:** Compliant with all U.S. State and Federal Regulations

### BENEFITS

- Seals Instantly to Moderate Pressures
- High temperature resistance
- Will not crack or shrink because of solvent evaporation
- Lubricates Threads for Accurate Torque Reading and to Prevent Galling
- Superior resistance to a wide range of chemicals including oils and most chemicals and gases
- Fully cures at room temperature to burst pressure of most piping systems
- Protects and Locks against vibration loosening, tampering, and variable temperature effects

### APPLICATIONS

All Threaded Metal Substrates:

- Automotive
- Fire Protection
- Petroleum refining
- Appliance
- Plumbing
- Chemical Processing
- Construction
- Utilities

### SPECIFICATIONS

**Tube Size:** 50mL.

**Net Weight:** 1.94 oz. (55g)

**Carton Pack:** 10

**Brush Top:** no

### PHYSICAL/CHEMICAL CHARACTERISTICS

**Boiling Range:** > 300 °F

**Vapor Density:** Approx. 3 (air=1)

**Solubility in Water:** Negligible

**Appearance/Odor:** White paste / Mild

**Flash Point:** >95°F

**Viscosity:** 400,000 cps (mPas)

**Specific Gravity:** (H<sub>2</sub>O=1): 1.15

**Evaporation Rate:** Not Applicable

**Chemical Type:** Methacrylate Esters

**Solids:** 100%

**Method Used:** Tag Closed Cup

**Shelf Life at 21°C:** 12 months

### CURED PERFORMANCE (TAPERED THREADS)

**1-Immediate Sealing:** The typical immediate or instant low pressure sealing capability is 1000psi (6.9MPa) when hand assembled and 3000psi (20.7MPa) when a 10in-lb (1.1Nm) on-torque is applied.

**2-Full cure sealing:** Typically, the maximum sealing capabilities occur after full cure to the burst rating of the pipe or fitting itself, which can be in excess of 40,000psi (275MPa). Full cure may take in excess of 24 hours at low ambient temperature and with inactive materials.

### HMIS RATINGS

Health	1
Flammability	1
Reactivity	1
Personal Protection	

*All information is subject to change. Not responsible for errors.  
We recommend you call to verify product specifications before ordering.*

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BTS Industries, APEX International Group, Inc

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