www.antiseize.com

TUF-SET™
High Performance Pipe Thread Sealant

Product Description

TUF-SET™ is a High Performance Pipe Thread Sealant specially designed for threaded connections commonly used in Heating, Ventilation and Refrigeration, HVAC, Commercial and Residential Plumbing, and Industrial applications.

TUF-SET™ is fast drying, firm setting and will stay flexible to resist vibration loosening and, ensures superior sealing characteristics.

TUF-SET™ can be used with all metal pipe and most plastic pipe. Provides excellent corrosion protection and is typically used in applications with an operating range of –40° to 400°F (-40° to 204°C) and pressures up to 10,000 psi (liquid), 2000 psig (gas)

Features & Benefits

- Smooth consistency, no grit to clog delicate parts
- Fast drying, firm setting
- Resists vibration in HVAC units
- Non-toxic, no heavy metal fillers
- Excellent corrosion protection
- Broad chemical resistance
- Will not run or drip after application
- Allows for easy disassembly

Applications include

- Freon and all refrigerant lines
- All plumbing pipe connections
- Fuel & kerosene lines
- Hydraulic systems
- Water lines
- Natural gas, butane & propane
- Steam lines
- Dilute acids and bases
- Marine MRO applications
- Industrial solvents and gases

Not suitable for use with oxygen or chlorine systems.

Clean up

Use denatured alcohol or rubbing alcohol.

GHS compliant

This product requires GHS pictograms on labels. Refer to Label and SDS for GHS information.

Typical Properties

Property	Value
Appearance	Blue, smooth paste
Viscosity	80,000 – 120,000 cps
Specific Gravity	1.10
Cure system	Isopropyl alcohol
Flash point , before dry	53°F
Flash point , after cure	> 400°F
RoHS	Compliant

Directions for assembly

For best performance clean threads prior to use. Apply a thin coating to male connection, assemble and tighten joint. On 2 inch pipe and larger, apply a thin coating to male and female threads and assemble. On plastic connections do not over tighten the joint. Cure time (ambient conditions): will seal to 100 psi in 30 minutes or less and 300 psi and higher in 24 hours. At cooler temperatures curing takes longer.

Read the Safety Data Sheet for additional information.

Storage and Shelf Life

TUF-SET™ should be stored in closed containers. Keep closed when not in use. Optimal storage is at ambient temperatures or lower. Shelf Life should be 5 years or longer if stored properly. Keep away form heat and open flame.

Product Limited Warranty

This information is based on information we believe to be reliable and accurate, but no guarantee of its accuracy is made for a particular application. We urge and recommend that Users pretest their application prior to incorporating the product into use and assume that the User will conduct such testing. Also see warranty statement on website.

Available In:

2oz BT	3oz tube	1/4pt BT	1/2pt BT	1pt BT	1qt	1qt BT	1gl
56002	56003	56004	56008	56018	56025	56026	56030

5 gal	55 gal drum
56050	56055

BT=Brush Top Can

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