

# PTFE-Free Pipe Thread Sealant

## Features

- Seals immediately
- Lubricates threads, preventing costly thread damage from galling and seizing during assembly
- Allows low breakaway torque for easy-to-break connections
- Is compatible with a wide range of chemicals
- Clings to threads and will not shred or tear on assembly

**⚠ Use with metal pipe threads only.**



## Technical Data

- **Composition:** Particles of polyolefin resin and filler in a polymeric plasticizer. Material has lubricating qualities. A Material Safety Data Sheet can be obtained through your independent Swagelok sales and service representative or [www.swagelok.com/references/msds.asp](http://www.swagelok.com/references/msds.asp).
- **Pressure rating:** Effective with pipe or fitting working pressure up to 10 000 psig (689 bar) at room temperature
- **Temperature rating:** -65 to 300°F (-53 to 148°C)
- **Flash point:** 355°F (179°C)
- **Storage:** Shelf life is up to 5 years when stored at 45 to 85°F (8 to 29°C).

## Ordering Information

Tube Size	Ordering Number
1.69 fl oz (50 cm <sup>3</sup> )	MS-TFS-50

## Sealing Considerations

Proper sealing depends on many variables—quality and cleanliness of threads, temperature, component material, installation torque, specific gravity of system media, and system operating pressures.

**⚠ Do not use Swagelok PTFE-free pipe thread sealant in systems containing a strong oxidizer. A chemical reaction, including spontaneous combustion, can occur.**

### Safe Product Selection

When selecting a product, the total system design must be considered to ensure safe, trouble-free performance. Function, material compatibility, adequate ratings, proper installation, operation, and maintenance are the responsibilities of the system designer and user.