



PTFE Thread Sealant Tape (White) - Technical Data (Rev 1 – 1/15/12)

Description

TFCO PTFE Thread Sealant Tape is the ideal solution for sealing threaded pipe connections up to 2" diameter. Our thread sealant tape provides a tight seal while providing natural lubrication to prevent damage of the threads. Made of 100% PTFE, it is resistant to most common chemicals, and is rated for temperatures from -450 deg F to +550 deg F. Available in 4 different widths and 3 densities, our tapes can be used in general purpose applications such as water and air, or difficult applications such as acids and pure oxygen.

Technical Data

	<u>Standard Grade</u>	<u>High Grade</u>	<u>Premium Grade</u>
Density (g/cc)	0.5 – 0.7	0.8 – 1.1	1.2 – 1.4
Thickness (in)	0.003 min	0.0035 min	0.0035 min
Pressure Rating	F. V. to 2,000 psi	F. V. to 10,000 psi	F. V. to 10,000 psi
Temperature Range	-450°F to 550°F	-450°F to 550°F	-450°F to 550°F
pH Range	0 – 14	0 – 14	0 – 14
Specifications:			
Oxygen Service	N. A.	N. A.	A-A-58092
Military	MIL-T-27730A	MIL-T-27730A	MIL-T-27730A
FDA	21CFR177.1550	21CFR177.1550	21CFR177.1550

General Specifications:

Composition	100% PTFE (polytetrafluoroethylene)
Color	White
Widths	1/4", 1/2", 3/4", 1"
Maximum Pipe Size	2"
Miscellaneous Properties	No Age Deterioration Non-Toxic Non-Absorbent Non-Flammable Self-Lubricating Unlimited Shelf Life
Country of Manufacture	USA