

PTFE Thread Seal Tape

Features

- Compliant with Commercial Item Description A-A-58092
- Elongation Rate $\geq 50\%$, in accordance with ASTM D-882
- Specific Gravity ≥ 1.2 , in accordance with ASTM D-792
- Polytetrafluoroethylene (PTFE) Content $\geq 99\%$
- Working temperature up to 450°F (232°C)
- Designed tape thickness for wrapping two revolutions



Ordering Information

Tape Width	Tape Length	Applicable Tapered Pipe Thread Size	Ordering Number	Quantity per Package
1/4 in. (6.35 mm)	520 in. (13.20 m)	1/8 , 1/4 and 3/8	PTS-4	1
			PTS-4T	10
1/2 in. (12.70 mm)		1/2 and larger	PTS-8	1
			PTS-8T	10

Packaging

Each PTFE thread seal tape is protected by a spool and a protective outer shell. The side of the shell is labeled with key information such as product name, ordering number, applicable thread size, and other relevant specifications.



PTS-4 and PTS-8
Carton packaging



PTS-4T and PTS-8T
PVC film packaging with a product
label applied horizontally at the center

Instruction

1. Clean the male and female threads and make sure all dirt, anti-seize, and residual tape are removed.
2. Wrap the tape in the direction of the thread, starting from the first thread. Two revolutions are recommended. The required number of revolutions may vary when using PTFE tapes from other manufacturers due to differences in tape thickness.



3. To avoid sealing tape getting into fluid systems, please make sure the sealing tape never extends beyond or overhangs the first thread.



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4. Cut off the redundant tape. Neatly fit the free end of the sealing tape along the threads so as to facilitate its application to the threads.



5. Manually thread the male fitting into the female port, then further tighten it with a wrench in the correct direction to the specified torque value.

Recommended Tightening Torque

Tapered Pipe Thread Size	1/8	1/4	3/8	1/2	3/4	1
Maximum Torque (N·m)	17	28	51	73	113	137