



PROVEN • DURABLE • RELIABLE • VERSATILE

Put It On & Go To Sleep



PTFE Stem Packing



PTFE Stem Packing is a round cross-section high performance packing material made of 100% PTFE, contains no other ingredients, fillers or additives. It is an extruded, then expanded form-in-place material that upon compression conforms to stuffing box surface irregularities and is capable of withstanding a wide range of pressure, temperature and chemical environments.

Features

- **Form-In-Place** – conforms to any surface, including rough, pitted, scratched and damaged surfaces
- **Flexible** – can be installed on small stems or shafts without splitting
- **Chemically Resistant** – made of 100% virgin PTFE; compatible with almost any process fluid (except molten alkalis and elemental Fluorine)
- Our Expanded PTFE Valve Stem Packing has an unlimited Shelf Life and shows no age deterioration
- Manufactured in the United States of America

PTFE Stem Packing Physical Properties

Composition	100% PTFE Resin
Pressure Range	Full Vacuum to 500 psi
Temperature Range	-268°C to +260°C
Maximum P x T (psi x °F)	75,000
pH Range	0 – 14 (resistant to all common chemicals, except molten alkali metals and elemental fluorine)
FDA	Compliant with FDA 21 CFR 177.1550 which covers PTFE resins for contact with food.
Temperature Range	-268°C to +260°C

Sizes Available

Diameter		Length	
Imperial (inch)	Metric (mm)	Imperial (feet)	Metric (metre)
1/16"	1.59	50, 100, 1,000, 2,500	15.24, 30.48, 304.8, 762
3/32"	2.38	20, 50, 500, 2,500	6.09, 15.24, 152.4, 762
1/8"	3.18	25, 50, 500	7.62, 15.24, 152.4
5/32"	3.97	15, 25, 35, 1,500	4.57, 7.62, 10.67, 457.2
3/16"	4.76	15, 25, 500	4.57, 7.62, 152.4
7/32"	5.56	10, 15, 25	3.04, 4.57, 7.62
1/4"	6.35	12, 200	3.66, 60.96
9/32"	7.14	9	2.74
5/16"	7.93	7	2.13
3/8"	9.52	7	2.13
1/2"	12.7	12	3.66

Installation Instructions

1. Isolate the valve pressure.
2. Remove existing valve stem packing from the stuffing box.
3. Clean the stuffing box and stem of any dirt or debris.
4. Select the largest Valve Stem Packing that will fit into the box by hand.
5. Wind the packing around the stem with one continuous piece and cut when complete.
6. Push Stem into the stuffing box.
7. Compress the Valve Stem Packing by tightening the gland

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