

Flexfit Plastics, LLC

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PTFE Universal Lantern Ring Material



Product Description

PTFE lantern rings are widely used in applications where outside lubrication is necessary in order to keep packing lubricated, cool, and flushed of abrasives and chemicals. The use of lantern rings greatly increases the life of compression packing, reducing maintenance and downtime over the life of the equipment.

PTFE lantern rings will handle a wide range of fluids, offering maximum corrosion resistance and, unlike metallic rings, will not gall or score shafts or sleeves. They have also been successfully used in bearing assemblies as a conduit for grease or oil. The lantern ring works in aiding movement of the lubricant without risk of contamination or excess stuffing box wear.

Performance Capabilities

- Temperature: -240°C to 260°C / -400°F to 500°F
- Pressure: Pump 68 bar/1000 psi
- Speed: Not Applicable
- pH Range: 0 to 14
- Material: 100% virgin PTFE

Key Benefits

- **Reduces inventory:** One roll can be cut to length to fit any shaft size.
- **Replaces metal and plastic lantern rings:** PTFE is suitable for a wide range of pH, temperatures, and applications.
- **Speeds pump repacking:** Easily cut on the job site with a knife or saw. Pliable enough to be easily removed with common packing tools.

Industries Served

- Agriculture
- Chemical processing
- General industry
- Food and beverage
- Mining & Minerals
- Municipal/Wastewater
- Oil and refinery
- Petrochemical processing
- Pharmaceutical
- Power generation
- Pulp and paper
- Steel/metals

Stock Sizes - Standard & Extra Wide (size x width x 48")

1/4" x 3/8"	9/16" x 11/16"
1/4" x 1/2"	9/16" x 1"
5/16" x 7/16"	15mm x 19.1mm
5/16" x 5/8"	5/8" x 3/4"
3/8" x 1/2"	5/8" x 1"
3/8" x 3/4"	3/4" x 7/8"
10mm x 13.2mm	3/4" x 1"
7/16" x 9/16"	20mm x 23.8mm
7/16" x 7/8"	7/8" x 1"
12mm x 15.6mm	1" x 1"
1/2" x 5/8"	
1/2" x 1"	

How to select: Choose the same size as the equipment requires for packing cross section. Choose the width which best matches the original lantern ring. Create other widths by combining PTFE universal lantern ring material.

Custom Sizes Available By Request