

## AQUASTAR

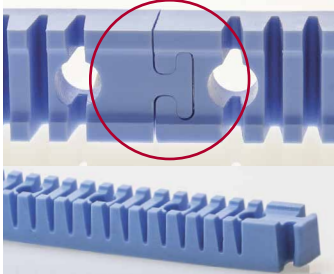
### PTFE Lantern Ring

#### Characteristics

- Economical storage independent from shaft diameter, supply in 3.9 ft length
- Replacement for machined lantern rings
- Universal use, excellent chemical and thermal resistance
- Easy to remove with packing extractor
- No corrosion and wear of shafts, no canting during use
- No waste as length can be connected (see picture)

#### Operating range

t °F	-150 ... +480
pH	0 - 14



#### Main application

- Stuffing box packings with lantern rings

#### Suitable for

- All Industries

#### Approvals

- FDA conformity



#### Form of delivery

- 3.9 ft length

\*Special size wide



#### Installation

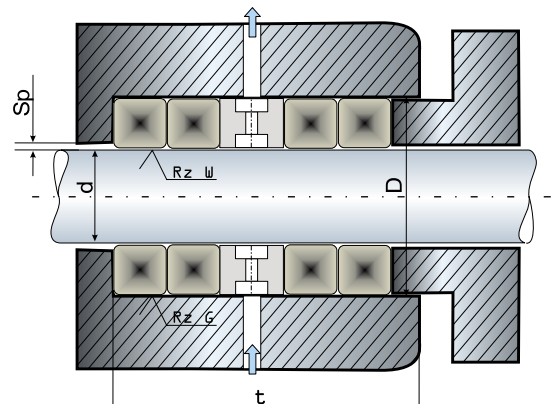
Packing cross section is the height of AQUASTAR. Wrap AQUASTAR around the shaft and cut it with a sharp knife in a 90° cut to required length. One ring can be made out of two lengths.

Calculation of cutting length:  
Calculation of Stuffingbox X-Section  
 $L = (\text{Shaft Diameter} + \text{Height of Lantern ring}) \times 3.14$

#### Packing dimension

The height of the lantern ring depends on the size of packing

Stuffing box X-Section		Height x width		Stuffing box X-Section		Height x width	
[mm]	[inch]	[inch]		[mm]	[inch]	[inch]	
8	5/16"	0.30 x 0.45		14	9/16"	0.53 x 0.75	
	3/8"	0.35 x 0.52		15		0.56 x 0.75	
	3/8" wide*	0.35 x 0.75		16	5/8"	0.60 x 0.81	
10		0.37 x 0.52		16	5/8" wide*	0.60 x 1.25	
	7/16"	0.41 x 0.56		18		0.67 x 0.87	
	7/16" wide*	0.41 x 0.87		19	3/4"	0.71 x 0.87	
12		0.44 x 0.61		19	3/4" wide*	0.71 x 1.5	
	1/2"	0.48 x 0.67		20		0.75 x 0.94	
	1/2" wide*	0.48 x 1.0		22	7/8"	0.81 x 1.00	
13		0.50 x 0.67		25	1"	0.93 x 1.11	



Calculation of Stuffingbox X-Section  $(D-d)/2$

All technical information and advice is based on our experience and will be given most conscientiously but without any liability. Indication and figures are for guidance only and need to be examined by the user. All sizes are subject to manufacturing tolerances. We reserve the right to modify specifications at any time. Please note that the technical values cannot be used all at the same time in their maximum values.