

14KLR

Lantern Rings

Robust, Restriction Bushing for Rotary Equipment

Chesterton® 14KLR Lantern Rings are used in rotating equipment to improve lubrication as well as cooling for packing rings and lip seals by distributing the liquid uniformly around the circumference of the shaft, where the external lubrication is utilized. A further function of the 14KLR Lantern Rings is to keep abrasives and chemicals flushed.

The 14KLR greatly improves the service life of compression packing in pump, mixer, and rotary airlock stuffing box areas. Lantern rings are also used in bearing protection applications with great results, as they help to duct lubricant and provide better lubrication for the rotary lip seal.

14KLR incorporates multiple radial holes to provide proper and uniform fluid distribution. Lead-in chamfers on the OD of the rings make for easy installation.

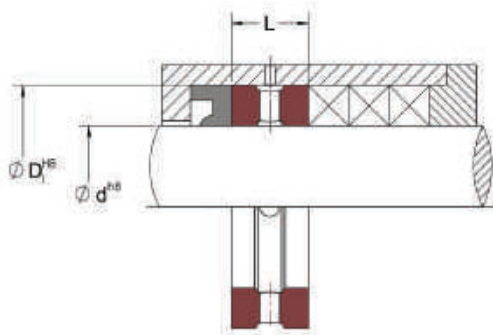
The 14KLR is manufactured from superior abrasion-resistant polymers, while PTFE compound offers broad media compatibility with high- temperature capability.

The 14KLR Lantern Rings are manufactured using a machining process that allows the flexibility to create any size based on equipment dimensions. Each bushing is individually manufactured and provides excellent performance in pumps, agitators, mixers, refiners, and other equipment. 14KLR is available in solid and split or half-ring versions for ease of installation and maintenance.

SPECIFICATIONS



Material (designation)	Temperature °C (°F)	pH Range
AWC800 (EU)	Up to 85 (185)	4 – 10
AWC860 (EU)	Up to 120 (250)	4 – 10
AWC300 PTFE (Glass-Filled)	Up to 200 (400)	0 – 14
AWC510 PTFE (Polyimide-Filled)	Up to 200 (400)	0 – 14
AWC520 PTFE (Virgin)	Up to 200 (400)	0 – 14



PRODUCT PROFILES



14KLR



- Improved lubrication and cooling effect helps to extend service life of packing and lip seals
- Keeps abrasives and chemicals flushed
- Split or half-ring design for ease of installation
- Different material options for plant-wide usage
- Designed for pumps of all types including agitators, mixers, and refiners

To place an order a 14KLR Lantern Ring:

Product profile: _____

Material: _____

Rod shaft diameter (d): _____

Bore diameter (D.): _____

Groove height (L): _____