

PTFE Lined Protection Rings

Now, you can protect your reactor investment by protecting manway contact surfaces from impact and abrasion with a 3G long life protection ring. The ring is constructed of glassfi lled solid PTFE, the same material used for long life bearings in pumps, seals, and other components. Because PTFE is a resilient material, it withstands impact well. Minor cuts and scratches in the surface will not affect the sealing qualities. Solid glass-fi lled PTFE eliminates the chance of iron contamination even in the event of damage.

Heavy-Duty PTFE Lined Protection Rings & Covers

Heavy-duty PTFE lined protection rings and covers from 3G are practically everlasting and work as a armour on contact surfaces. Available options include a 3.5mm thick PTFE barrier permanently bonded to steel and a 6mm PTFE encapsulated design.

Advantages

- Economical solution for protecting glass-lined steel manway surface from risk of impact and abrasion
- Prevent Iron contamination.

*Thermal or mechanical shock proof.

- Fitted with welded hinges for easy mounting.
- Prevents glass damage if cover is dropped.
- Can mount to allow cover to hinge from either side.
- Interchangeable with existing protection rings on prominent reactor vessels (DE-DIETRICH/GMM/SWISSGLASS/NILE).
- Metal parts are galvanized and chrome treated for long life.
- Reduces maintenance costs.

Advantages

Protection rings are an economical solution for protecting glass-lined steel manway surface from risk of impact and abrasion with these benefits:

- Dimensionally stable 140 mill thick wear surface minor gouges will not affect the sealing quality and will not produce iron contamination. Won't break from thermal or mechanical shock
- Fitted with welded hinges for easy mounting
- · Helps prevent glass damage if cover is dropped
- Can mount to allow cover to hinge from either side
- Interchangeable with existing protection rings on 3G and competitor's equipment
- Popular sizes stocked for fast delivery.
- Metal parts are galvanized and chromate treated for long life.
- Reduces maintenance costs.

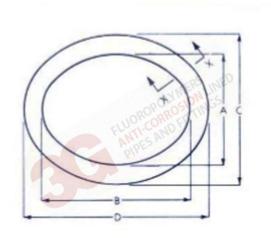


Dimensions and Specifications

3G PTFE protection ring is supplied ready for installation, including all hardware, J clamps, hinge adapters, etc. J clamps, hinge adapters, PTFE ring and retaining band are also available as spare parts.

Nominal Size	Iominal Size Inside Diameter		Nominal Bore	
Inches	Inch	Mm	Inch	Mm
9 X 12	8-1/2	11-1/2	11-3/4	14-3/4
12 X 16	11-1/2	15-1/2	15	19
14 X 18	13-1/2	17-1/2	17	21
18 Round	17-1/2	17-1/2	21	21
20 Round	19-7/16	19-7/16	23-7/16	23-7/16
20 Round DIN	19-1/2	19-1/2	24	24
24 Round	23-9/16	23-9/16	27-9/16	27-9/16

PTFE LINED PROTECTION RINGS





3G