

PRE-SURE™ CAP



FIG. 1 - STAINLESS STEEL RETAINER & SILICONE DIAPHRAGM

REMOVAL FEATURE

SPECIFICATIONS

- Diaphragm material temperature rated -80°F (-62°C) to 350°F (176°C); rated for short-term cleaning up to 400°F (204°C)
- 150 PSI (10 Bar) max pressure range

SIZE

- 2" Tri-Clamp®

MATERIAL

- Retainer: 316L 32RA (-7) 0.8 µm; stainless steel conforms to ASTM A240 M-316L
- Diaphragm: Silicone meets USP 87 and USP 88 Class VI standards for biocompatibility, ensuring suitability for food and pharmaceutical applications

APPLICATIONS

- Operators can easily see if pressure is present in the line
- No tools required for easy retainer removal

WORKING PRINCIPLE

- Indicator extends as pressure exceeds 5 PSI (0.34 Bar) with a max of 150 PSI (10 bar)
- Indicator retracts when pressure drops
- Indicator remains sealed in both open and closed positions

BENEFITS

- Replaceable diaphragm
- Lot tracked and fully traceable for compliance and safety assurance
- Bright red color for excellent clarity
- Silicone material provides good chemical resistance
- Life of product estimated at 5,000 cycles or one year life, whichever comes first.

DIAPHRAGM

- Includes stainless steel retainer (Fig. 1) and silicone diaphragm (Fig. 2)



FIG. 2 - SILICONE DIAPHRAGM

INTERNATIONAL PATENTS PENDING - US PATENT APPLICATION NO. 17/044,881



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