

PRE-SURE™ CAP

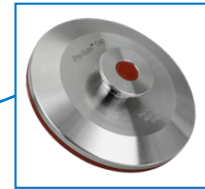


FIG. 1 - STAINLESS STEEL
RETAINER & SILICONE
DIAPHRAGM

REMOVAL FEATURE

SPECIFICATIONS

- Diaphragm material temperature rated up to 195°F (90°C)
- 200 PSI (13.7 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 removal of cap using central handle/knob

WORKING PRINCIPLE

- Button first opens around 5PSI (35kPA) to indicate fluid in the pipe and fully opens around 15PSI (100kPA) to indicate high pressure in the pipe
- Indicator remains sealed in both open and closed positions

BENEFITS

- Easy-to-clean, 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 30,000 pressure change cycles or six months from installation, whichever is 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



CSIDESIGNS.COM | +1.417.831.1411 | SALES@CSIDESIGNS.COM
SPRINGFIELD, MO | GRAND PRAIRIE, TX | DURHAM, NC | MODESTO, CA

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