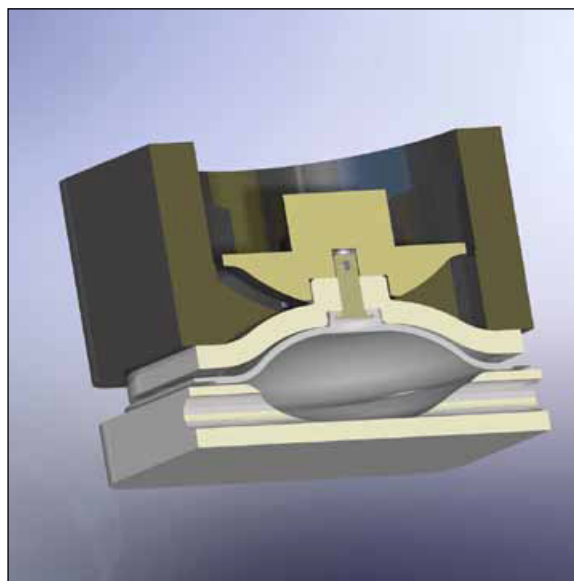


Eliminate valve contamination risks and reduce maintenance costs



GYLON® diaphragm seals for valves

- Prevent process contamination with non-clean and unhygienic valve components
- Preventing seal material contamination
- Preventing valve leaks, including pharmaceutical ingredients and maintenance fluids (Nitrogen, sterilization vapor, cleaning products, etc.)



GYLON® Style 3522

Physical Properties	
Max. Temperature	260°C
Compressibility	25%
Recovery	50% min.

Compliance with

- USP class VI

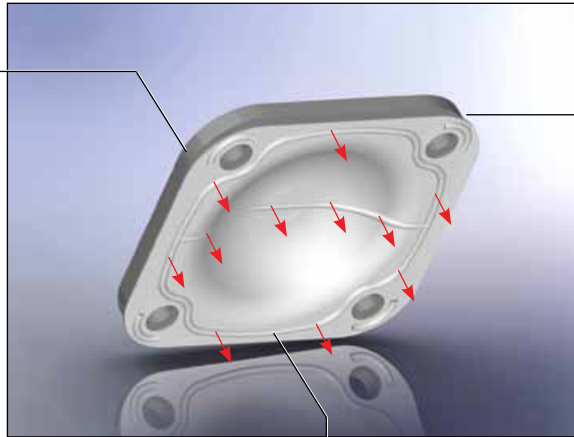
GYLON®: Modified PTFE with improved mechanical properties. An excellent cold flow resistance at high temperatures and in steam duty. Excellent resistance to abrasion and corrosion.

Technical Features

GYLON® diaphragms use a proprietary modified PTFE which has been used in critical applications for more than 40 years. Style 3522 was specially developed for diaphragm applications.

GYLON® diaphragm

High-temperature resistant silicon elastomer back-up

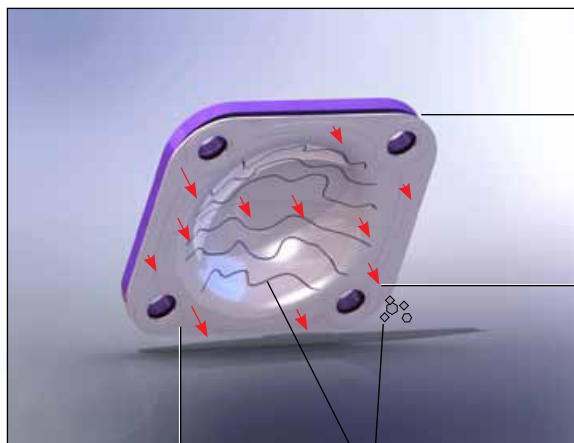


Prevent leaks: Sealing properties remain constant over time, even under high-temperature and intense flex-life. The sealing lines do not lose shape and the elastomer back-up does not soften as it applies a constant pressure on the sealing lines

Prevent contact of pharmaceutical ingredients with uncleaned parts of valves; prevents detachment of pieces of diaphragm: GYLON Style 3522 has excellent flex-life. This eliminates embrittlement, prevents hole formation, and eliminates seal fragments from falling in the pharmaceutical ingredients

Standard diaphragm

Usual elastomer backing subject to softening



Uneven contact pressure

Smoothed sealing lines

Embrittlement lines, pieces of the seal falling