

Pharmaloader HP® USP Class VI

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Applications

It is an elastic compensator recommended for the food and pharmaceutical industries. This product is a standard element fitted with molded clamp seals on the ends of the compensator.

The Pharmaloader® is the ideal solution for all tank, hopper, pump and weighing tank outlets to compensate vibrations and level differences. Pharmaloader HP is ideal for applications where it is necessary a compensator that could resist high pressures.

Limitations

Mind the chemical compatibility of the fluid with the silicone.

This product is not recommended for the transport of abrasive particles.

Regulations

Platinum cured silicone produced in compliance with:

- US FDA Standard 21 CFR 177.2600
- German BfR Standard part XV
- USP Class VI <88> in vivo tests
- ResAp 2004 (5), according to Reg 1935/2004/EEC, and Reg 10/2011/EEC

Silicone rubber used is in accordance with EU Directive 2002/95/ECC for Restriction of the use of hazardous substances (RoHS).

Properties

- Resist high working pressures.
- Odorless, tasteless and completely non-toxic.
- High level of transparency.
- Excellent resistance to thermal aging and oxidizing agents (oxygen, ozone, UV).
- Operational temperature range from -50°C (-58 F) to +180°C (356 F).

Construction

This reference is manufactured with two polyester fabric reinforcements and stainless steel counter-flange.

Nominal clamp Ø (inch)	Clamp head Ø (mm)	Inner Ø (mm)	Overallenght (inches) (mm)	Work pressure (bar)	Burst pressure (bar)
1 1/2"	50.5	34.7	4" (102)	5.7	17.0
2"	64	47.5	4" (102)	4.0	12.0
3"	91	73.0	6" (152)	2.6	7.9