

In presence of any lube oil or Hydro-carbon, N2 Nitrogen is mandatory Otherwise Air

PROCESS LIQUID
"Pumpage"

Dupont "TEFLON" (Virgin) V-PTFE (Modified) M-TFE **FlexFlow** Ceramic Balls

ELASTOMERS (Synthetic Rubber) EPDM, Buna Nitrile, FluoroCarbon Elast. Butyl, SiliconElast. etc

Metals : Stainless, Duplex, Super Duplex, A20, HC276, Tit .2, Tantalum Zirconium Etc.

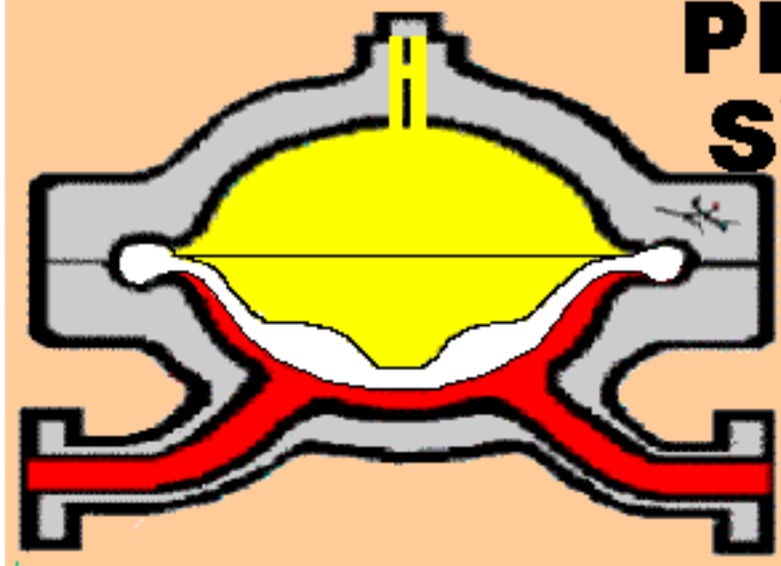
PLASTICS examples P.V.C. Poly Propylene

Cooling / Heating Jacket fluid, or Transfer Fluid in Food & Drug units



CONTENTS

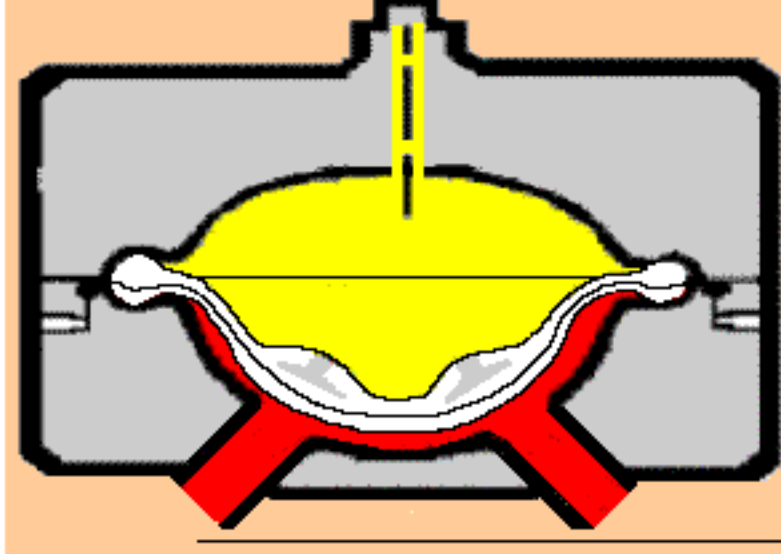
MARQUE MARK NAME



PICTURE SYMBOL

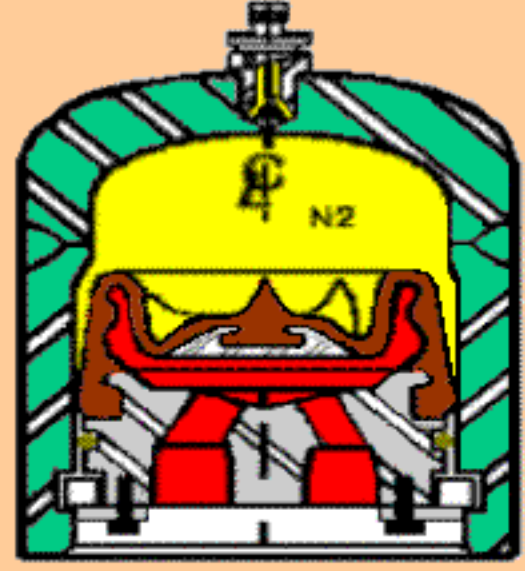
High impermeability M-TFE "**FLEXFLOW**" diaphragm or Virgin PTFE "Teflon", with Stainless Steel etc. housings

FLEXORBER
SoG Low Pressure part numbers



With "**FLEXFLOW**" or "Teflon" diaphragms, Secondary containment sealing, hazard alert ports, 2 diaphragm layers, with track to alert ports from between them.

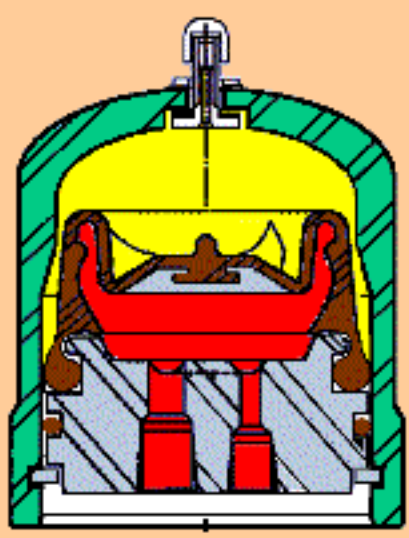
FLEXORBER
FL"O" High Pressure part numbers



LIQUID IN BLADDER

Pressure pulse damping & flow fluctuation removal for the CPI. 8:1 Diameter Ratio pipe:shell ensure damping Large Diameter shells at low cost - liquid is in bladder minimizing use of high cost metals.

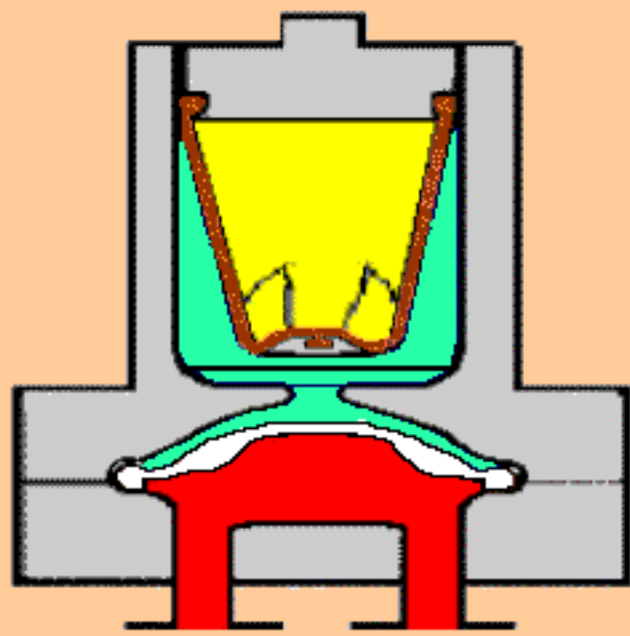
PIPEHUGGER
for High Pressure
PHr - part numbers



LIQUID IN BLADDER

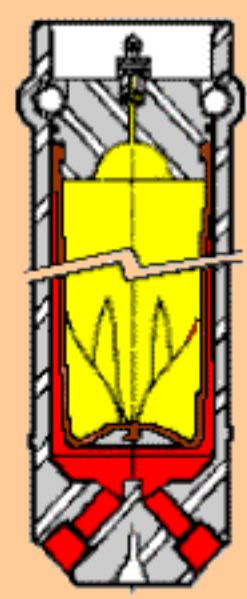
As above, but for low pressure and suction acceleration head loss. Light weight, requires no supports. Male connections at 1" - 3", 25mm - 75mm and above

PIPEHUGGER
for Low Pressure
PeG - part numbers



For Clean In Place systems flushed at below operating pressure. Examples : Foods, Drugs, Liquid Chromatography, Beverages. Inlet outlet connections widely spaced & volume from top half is less than can drive the process diaphragm fully down.

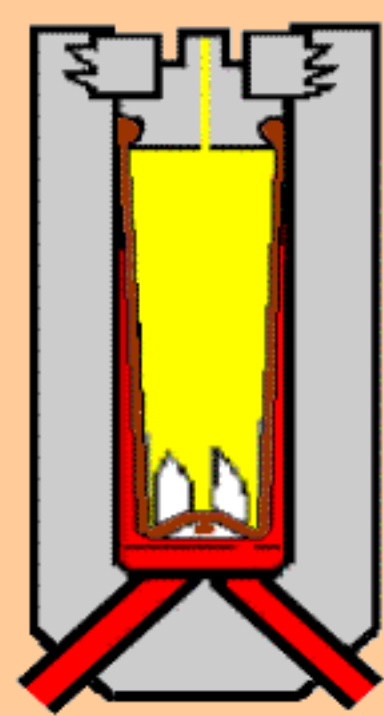
TUBEGUARD
"piggy-back"
TuG - part numbers



GAS IN THE BAG & LIQUID IN SHELL

Slim & long, enables reasonable cost for all stainless shell. Small diameter stiff gas bag suits flow fluctuation removal, Some pressure pulse damping capability from flow through configuration. Partially flushable.

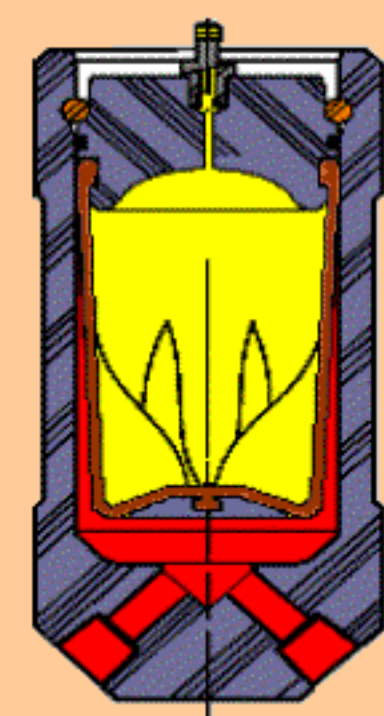
PIPEGUARD
for Low Pressure
PiG-LP pt numbers



GAS IN THE BAG & LIQUID IN SHELL

Available from solid billet, for medium, high, and ultra high pressures. Pipe thread, Hubs, and super pressure fittings all standard. 23 different gas bag materials in inventory. More than 33 years of marine and industrial expertise

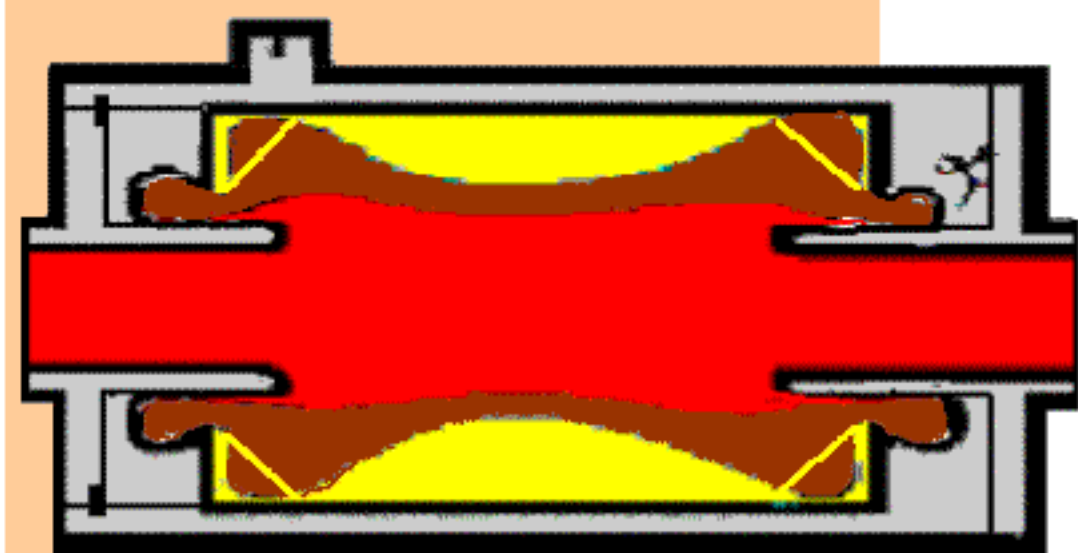
PIPEGUARD
for High Pressure
PiG-HP pt numbers



GAS IN THE BAG & LIQUID IN SHELL

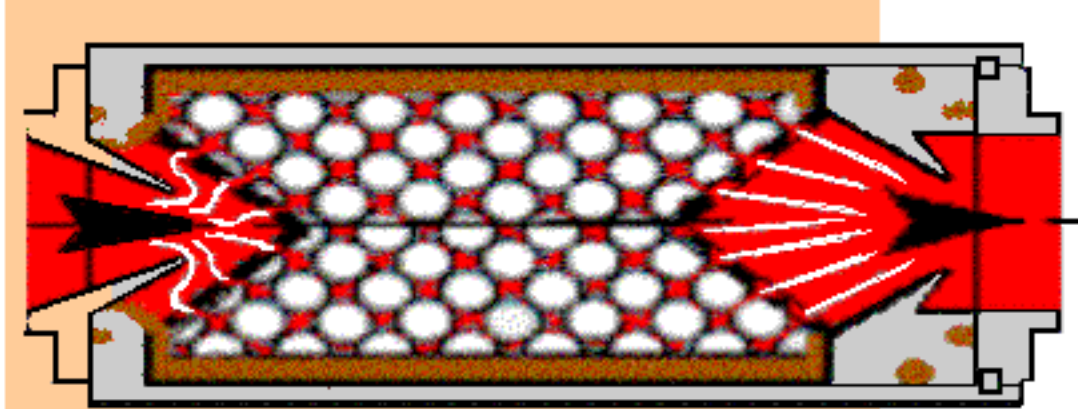
With a maximum design pressure of 225 psi, 15 Bar at 60 F 15 C, 1/8" 3mm through 6" DN 150mm Flanged. 1 in3 15 ml. through 10 gallon 40 Litre, PVC or PP.

PIPEGUARD
for Plastic Pipe Systems
PiG-Plas pt. Nbrs.



With uninterrupted "**CLEARFLOW**" end to end, designed for suction, sludge, slurry, easily flushable and even rodable. Available with food industry trim and with flow tube from FDA approved elastomer ingredients.

PUMP GUARD
PuG - part numbers



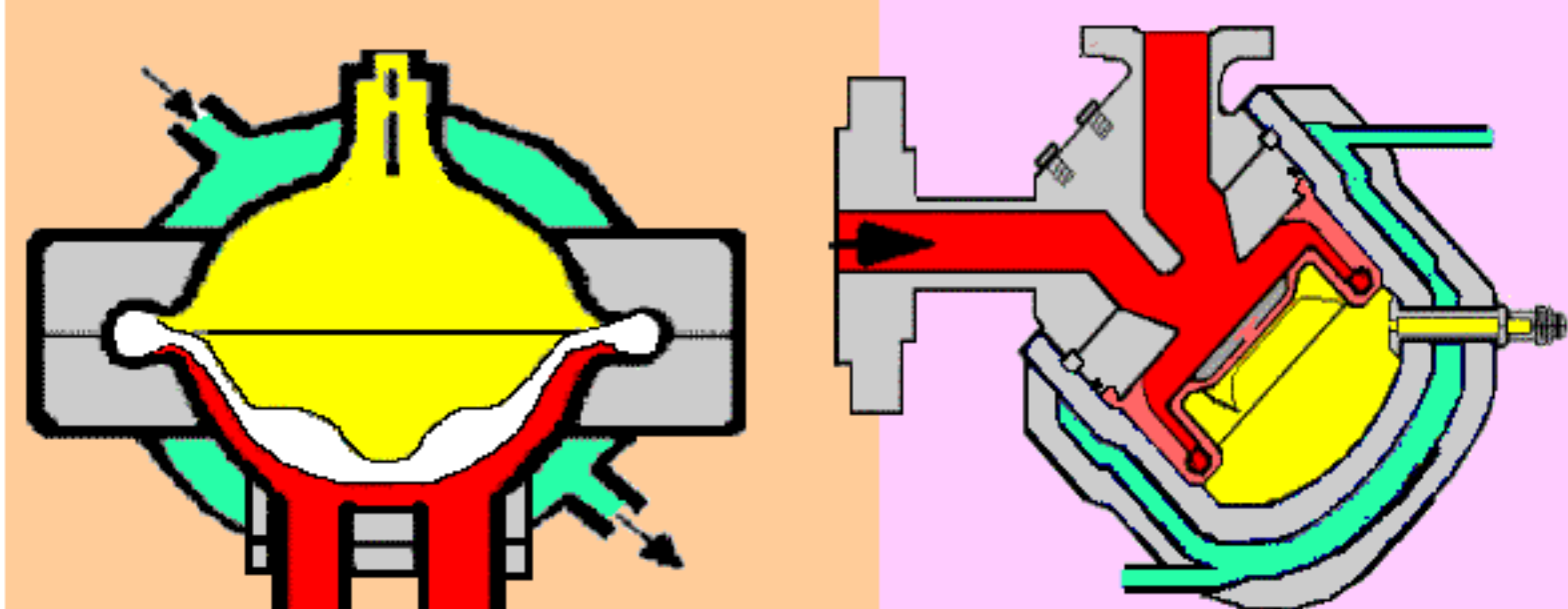
Cyl. WaG/ Cer



Sph. WaG/ H.O.

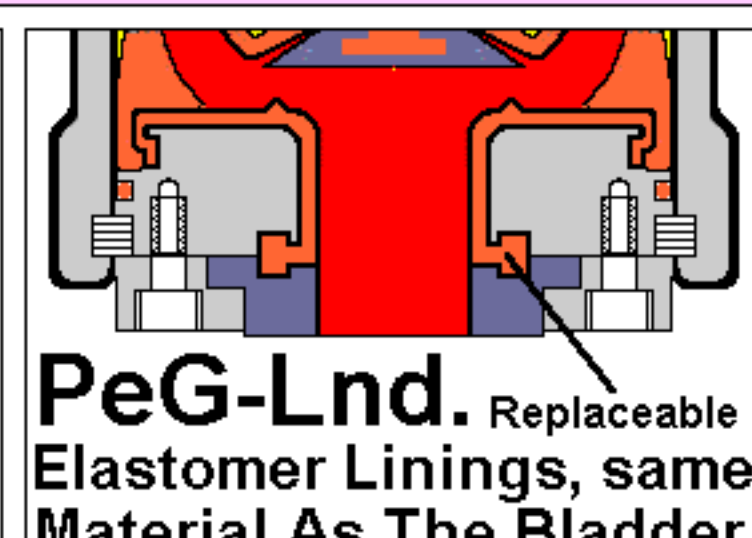
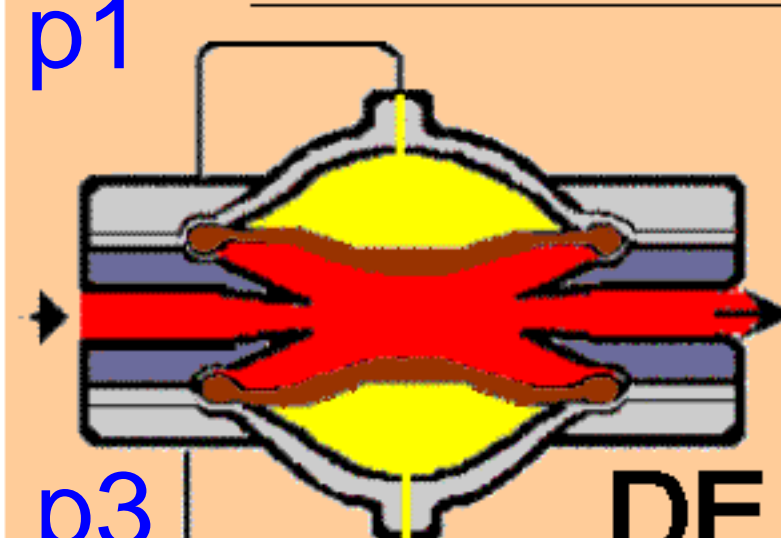
NO MOVING PARTS, no bladder to gas up, no foam to degrade. Multi-path dispersal & the Helmholtz principle

WAVEGUARD
WaG - part numbers



Cooling or Heating Jackets are readily available using the shell of the next size of unit larger than the damper size that you need, as the jacket

JACKETED
prefix to Part Nmbr. **JKT-**
Available all types above 60 in3 1.0 Litre



Ferric Chloride, Sodium Hypochlorite Water treatment systems. Strength & Safety of metal housings with resistance of elastomer & plastic parts. 3 types.

DOUBLEGUARD
DE Double Ender
plsgd-p2.bmp

Plsgrd p1

Plsgrd p3

HOME

PulseGuard Ltd. Inc.

"Your One Stop Damper Shop with Total In House Capability"