

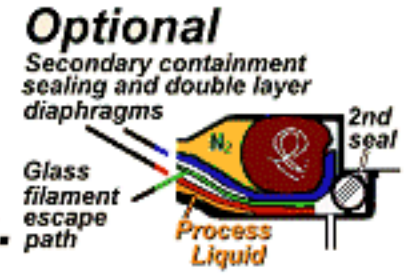
CONTENTS

TEFLON DAMPERS From Inventory.

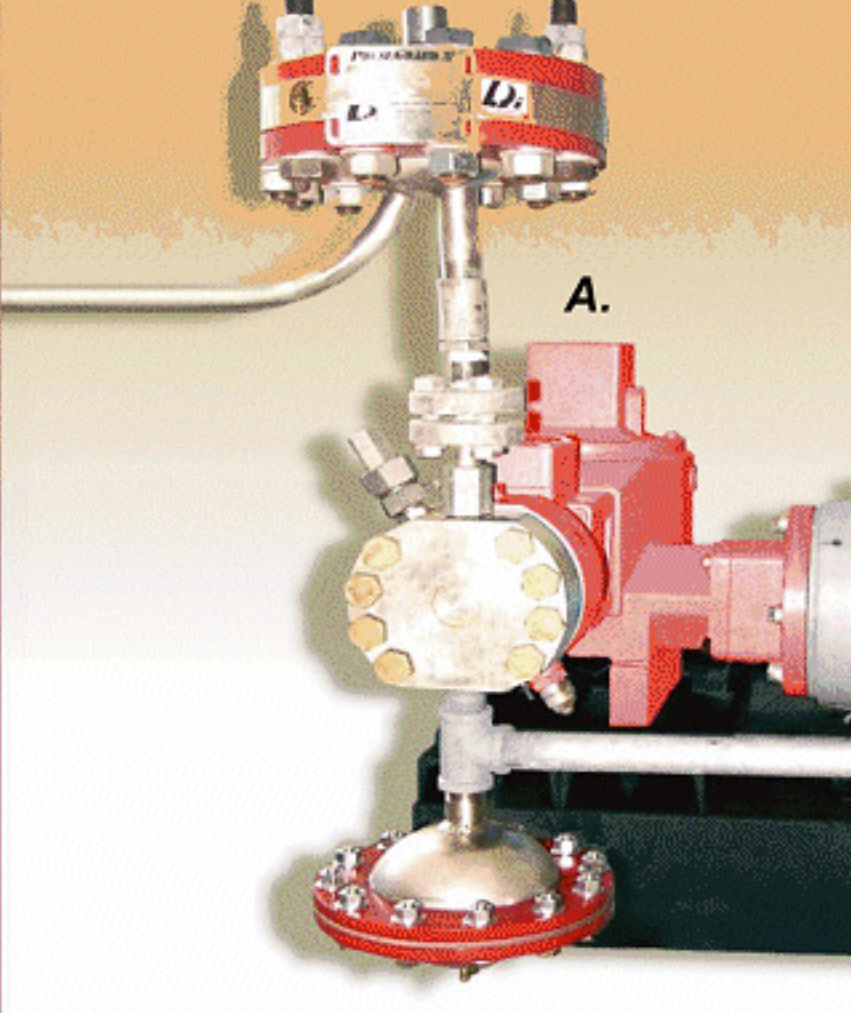
E.I. DuPont De Nemours And Company Inc. aka "eidpdnaci"

Subject	Pg Nbr.
Cover, the range.	40
This page, some applications.	41
Surety, Quality & Certification	42
Flow smoothing & pressure damping.	43
Very Low Pressure & single connection. "accumulation".	44
Pulsation Interception	45
Shock and interactive resonance.	46
Dimension Weights and Prices. LP VLP	47
Installation methods Save size & \$\$	48
Typical Drawing & your LP Options.	49
Service, maintenance spares, & bolt torquing. LP	50
Service, maintenance spares, & bolt torquing. VLP	51
Lots of HP Inventory	52
Decompression waves, jacketing, constant temperature.	53
Case study, High compressibility	54
Dimension Weights and Prices. HP	55
Installation methods save size & \$\$	56
Typical Drawing & Your HP Options	57
Service, maintenance Spare, & bolt torquing.	58
Catalogue publications.	59

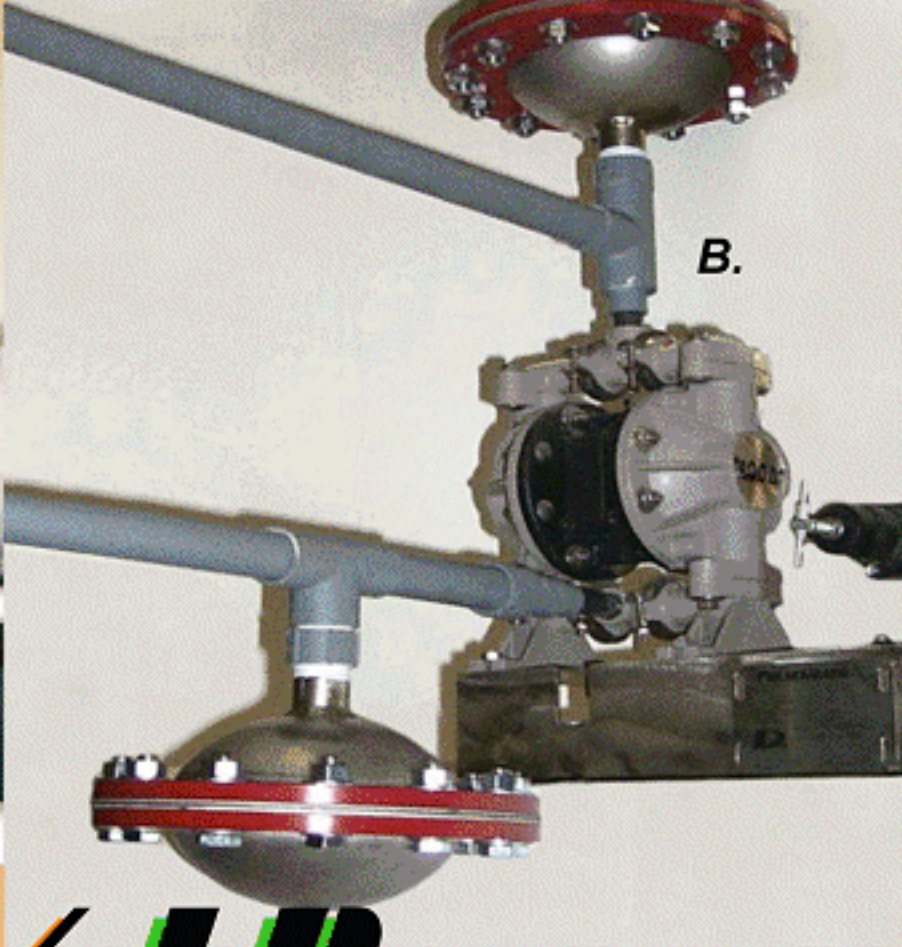
PulseGuard Inc "Flexorbers" may have LDi "FlexFlon" diaphragms, in place of micro-porous virgin eidpdnaci Teflon. Double layer membrane, and secondary containment sealing, makes these pressure vessels as safe as teflon "sandwich double diaphragm" metering pump heads.



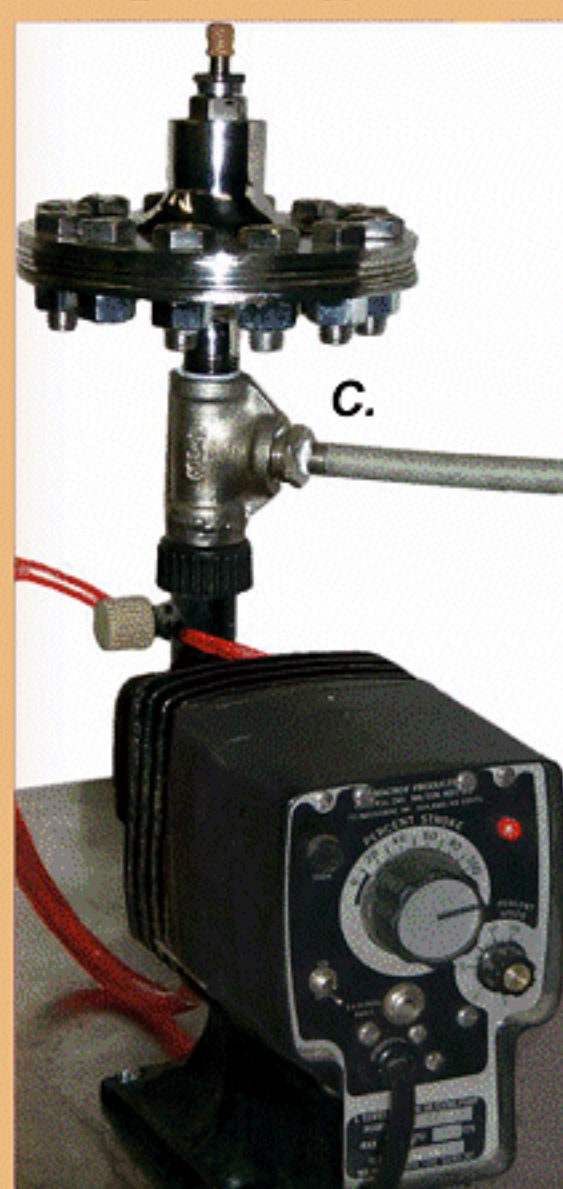
Presssure Pulse Damping



Flow Fluctuation Smoothing

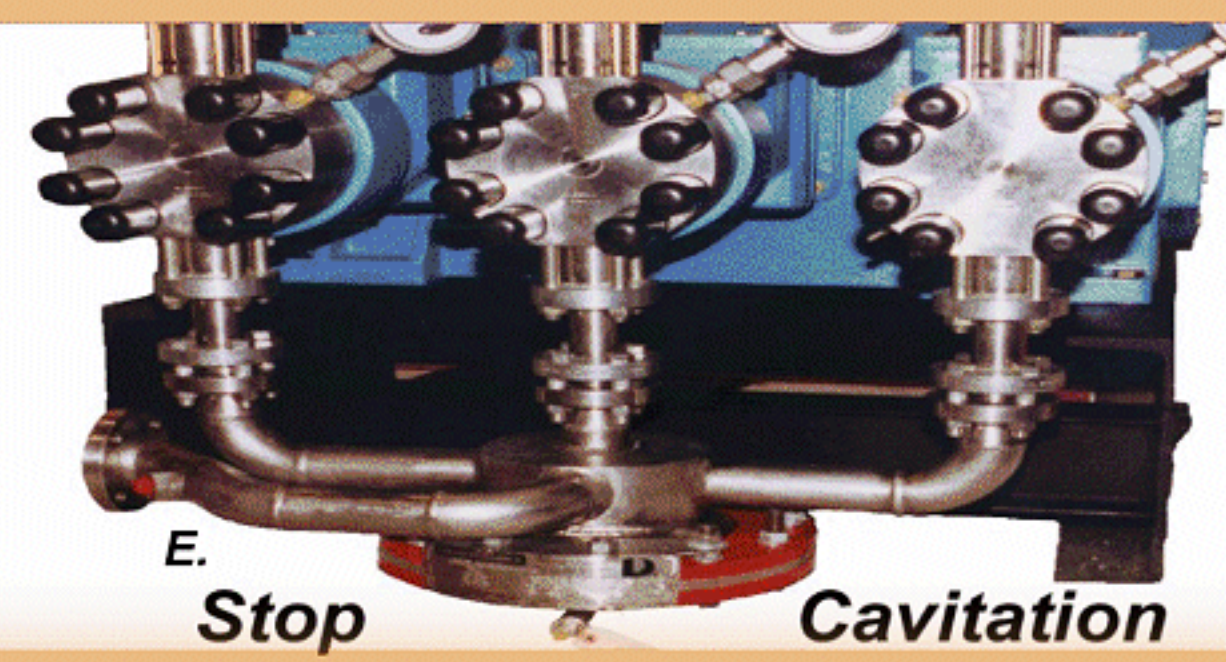
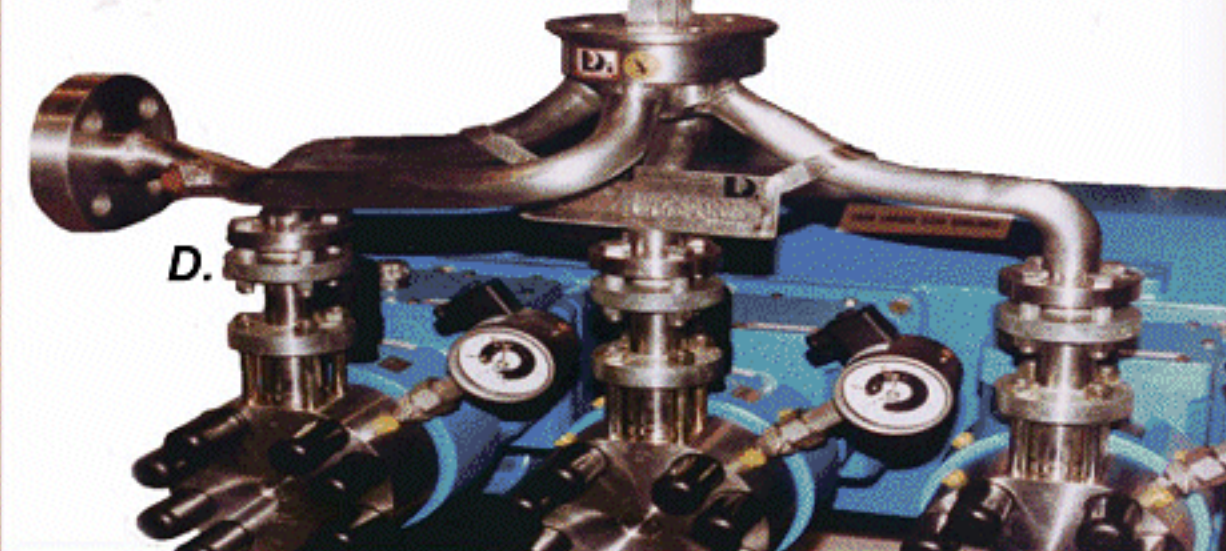


Flexorber / LP



Shock Interception

Prevent Interaction



Stop Cavitation

In your pump the diaphragm has the same pressure on both sides at all times. In a damper, there is often full differential pressure from pre-fill N2 to Zero on the other side. In your pump the diaphragm strokes a small distance at all times. Your damper membrane has to move further the more the overall system pressure changes. Both Teflon^{eidpdnaci} & FlexFlon are PLASTICS - their deformation is not elastic. However well the membrane is designed, it will not have an extended life. A damper is always 5 to 100 times the volume of the pump head for which it is matched. Teflon^{eidpdnaci}, or Flexflon which is more resilient, is always a high cost and "down time" way to go - minimize down time by using dampers on piping base blocks.