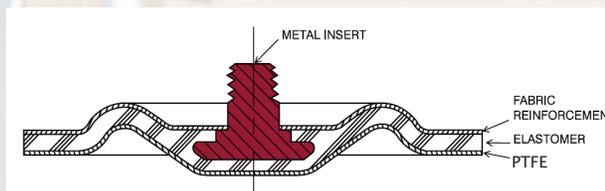


PTFE-Faced Diaphragms



DiaCom has capabilities to design and manufacture composite diaphragms made from PTFE/Elastomeric materials capable of standing up to even the most chemically aggressive of environments. DiaCom's process bonds PTFE, ranging in thickness from .002" up to .040", to rubbers of varying characteristics. DiaCom's unique process and construction produces a diaphragm that is compatible with these harsh environments without limiting the life and responsiveness of the diaphragm.

For additional strength, fabric reinforcement may be added to the PTFE/Elastomer composite. Bonded inserts of stainless steel, brass, plastic, and cold-rolled steel are often incorporated into these diaphragms to reduce process/assembly steps and add value.



Benefits of PTFE/Elastomeric Seals Include:

- Excellent Chemical Resistance
- Temperature Extremes (-45° to 400° F)
- Compliance to the REACH SVHC List
- Compliance to RoHS 3 (Directive (EU) 2015/863)
- USP Class IV Materials - Elastomers
- Conflict Mineral Free
- FDA Approved Materials - Elastomers
- 3A Sanitary Specification 18 -03 Materials - Elastomers
- Low Permeation Rate
- Increased Reliability
- Low Co-Efficient of Friction

DiaCom Corporation, an ISO 9001 and AS9100 certified company, is a recognized leader in the design, manufacture and application of innovative, high performance molded diaphragm seals. DiaCom serves a variety of markets worldwide including industrial, automotive, aerospace, food processing, water controls, medical instrumentation, appliances and others. DiaCom offers state-of-the-art diaphragms designed for cost effectiveness, ease of installation durability and high performance characteristics.

Diaphragm Design & Manufacturing Leader

 **DIA·COM CORPORATION**
The Diaphragm Company
Online Guidebook: www.diacom.com



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