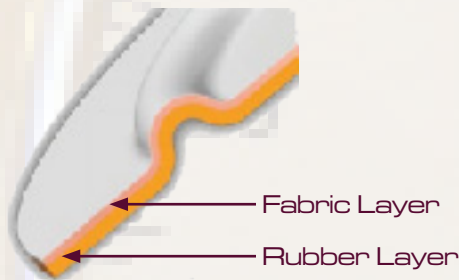
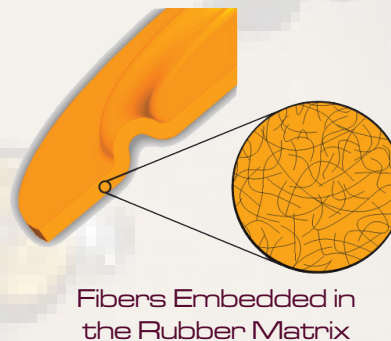


*DiaCom has introduced a new line of specialty industrial diaphragms composed of our new FabAir materials. The FabAir Diaphragm is made from a composite elastomer material with a proprietary fiber dispersed throughout the elastomer. It is presently available in FVMQ, Vamac, HNBR, EPDM, and NBR. FabAir™ is typically used in low pressure applications to resist or eliminate ballooning of rubber diaphragms. It also can be used in conjunction with fabric reinforced diaphragms in extremely high pressure applications to give the diaphragm added strength and reduce the possibility of blow through.*

Traditional Fabric Reinforced Diaphragms:



FabAir™ Diaphragm:



#### FabAir Key Benefits:

- Resistance to ballooning in low pressure applications
- Excellent gasketing capabilities due to its low compression set
- Capability of being manufactured thin for sensitivity
- Superior strength and repeatability over homogeneous diaphragms
- Long stroke to bore ratio exceeding the typical 1:1 associated with fabric reinforced diaphragms and Caustic Chemicals.
- Eliminates fabric wicking
- Lower cost than traditional fabric-reinforced diaphragms

## Diaphragm Design & Manufacturing Leader

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 control and conservation, medical instrumentation, appliances and others. DiaCom offers state-of-the-art diaphragms designed for cost effectiveness, ease of installation, durability and high performance characteristics.

**DIA.COM CORPORATION**  
The Diaphragm Company  
Online Guidebook: [www.diacom.com](http://www.diacom.com)

5 Howe Drive Amherst, NH 03031 USA  
Phone: 800.632.5681 603.880.1900 Fax: 603.880.7616  
Internet: [www.diacom.com](http://www.diacom.com) Email: [sales@diacom.com](mailto:sales@diacom.com)



June 2025