

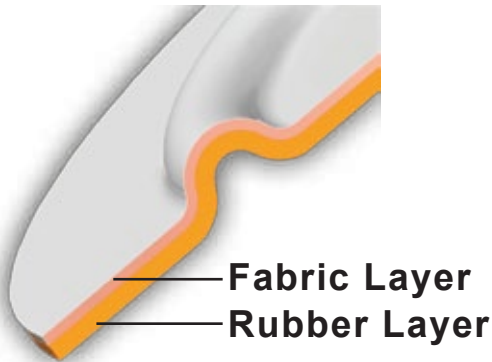
FABAIR®

Dispersed Fiber Elastomer

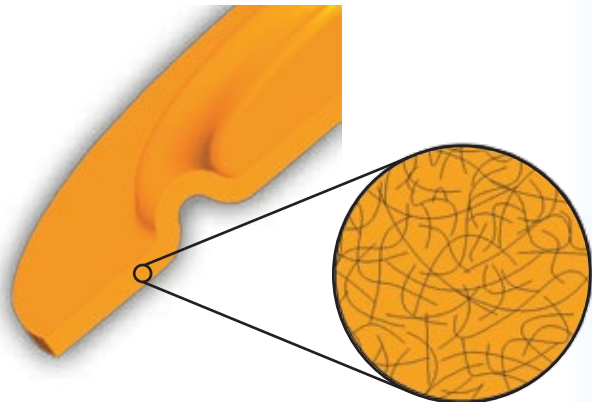
Diacom Corporation introduces a new line of specialty diaphragms composed of our Fab-Air® Elastomer, which offer the advantages of fabric reinforcement in a homogeneous diaphragm construction.

The Fab•Air® Elastomer range is presently composed of a growing number of elastomers that incorporate dispersed fabric fibers into the rubber matrix. Fab•Air® is available in Nitrile (NBR) , Ethylene Propylene Diene Monomer (EPDM), Fluorocarbon (FKM), Epichlorohydrin (ECO), Hydrogenated Nitrile (HNBR), Fluorosilicone (FVMQ) and Silicone (VMQ). Diacom can utilize Fab•Air® technology to eliminate any environmental limitations from heat resistance, fuel, chemical, water and ozone resistance.

Traditional Fabric Reinforced Diaphragm



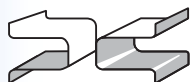
Fab Air® Diaphragm



Fibers Embedded in the Rubber Matrix

Fab•Air® 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
- Eliminates fabric wicking
- Lower cost than traditional Fabric Reinforced Diaphragms



DIA•COM
CORPORATION
The Diaphragm Company

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