Large Diameter Diaphragms

Large Format Diaphragm Seals

Large diameter fabric-reinforced molded diaphragms are critical components in various industrial settings, particularly where fluid control, pressure regulation, and environmental isolation are essential. Diaphragms can also be used to convert a hydraulic force into a mechanical force or vice versa.

Some applications where large stroke and large diameter diaphragms are essential include oil and gas, water controls, fire protection, Aerospace and industrial applications.

At DiaCom we can manufacture fabric reinforced molded diaphragms as large as 44" in diameter with a height of 14". These diaphragms can be produced in a variety of material configurations. We work with most synthetic elastomers and are they are most commonly reinforced with nylon, polyester or nomex fabrics.

Please contact the Diacom sales team to answer any questions and discuss potential large diaphragm designs.

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 world-wide 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.

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