Extreme Low-Temperature FKM

Diacom’s Extreme Low-Temperature FKM is a new FKM material specifically formulated to remain flexible down to -40°F (-40°C). Extreme Low-Temperature FKM was also designed to be a high-duro compound with excellent compression set resistance for use in dynamic and static seals (e.g. diaphragms, o-rings and gaskets). This material has excellent resistance to a wide range of chemicals and is also capable of withstanding high application temperatures up to 500°F.

Features & Benefits:
• Excellent Chemical Resistance against most chemicals
• High Operating Temperature Capability
• High Durometer
• Extreme Low Temperature Capabilities
• Good Compression Set Properties

Typical Physical Properties:
• Material Type       Fluorocarbon
• Chemical Designation FKM
• Durometer (Shore A) 77
• Specific Gravity    1.84
• Tensile Strength (psi) 1,800
• (MPa)     12,4
• 100% Modulus (psi) 1,000

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 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.