



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.

 **DIA·COM CORPORATION**
The Diaphragm Company
Online Guidebook: 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 Email: sales@diacom.com