

TECHNICAL DATASHEET

Description: Extruded Fluoroelastomer (FKM) Viton™ B

ASTM D-2000: M2HK 710 A1-10 B38 C1 EF31 EO78 Z1
Z1= 75 +/-5 Durometer

Service Temperatures: High Limit: 250° F (121° C)
Low Limit: -18° F (-28° C)
** For use in PLIDCO fittings**

Shelf Life: 20 years

Typical Applications:

- Automotive and Aviation Fuels without Alcohol
- Automotive Fuels with 5-15% Alcohol and Ethers (Methanol, Ethanol, MTBE, TAME)
- Engine Oil
- Diesel
- Crude Oil
- Hydraulic Oil (HFD)
- Aromatic Hydrocarbons (Toluene, Benzene, etc.)
- Aliphatic Hydrocarbon Process Fluids (Petroleum, Propane, Butane, Natural Gas)
- Chlorinate Hydrocarbons (Trichlorethylene and Carbon Tetrachloride)
- Mineral & Vegetable Oil

Limitations:

- Strong Bases
- Caustics
- Ammonia Gas, Amines, Alkalis
- Low molecular Weight Carbonyls
- H₂S

** Contact a PLIDCO representative for detailed chemical compatibility**

Typical Physical Properties:

- | | |
|--|------|
| • Shore "A" Durometer | 75 |
| • Tensile Strength (psi) (ASTM D412) | 2238 |
| • 100% Modulus (psi) (ASTM D412) | 796 |
| • Ultimate Elongation (%) (ASTM D412) | 210 |
| • Specific Gravity | 1.87 |
| • Compression Set (ASTM D395 method "B") | |
| ▪ 22 Hrs. @ 392 F (%) | 16 |

