

TECHNICAL DATASHEET

Description: Extruded Fluoroelastomer (FKM) Viton™ B

ASTM D-2000: M2HK 710 A1-10 B38 C1 EF31 EO78 Z1
Z1= 78 +/-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	78
• 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

