Request a Quote

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Marco Compound # V1148
70 Durometer, Black, Metal Detectable, FDA Compliant FKM
Technical Datasheet

Common Names:
FKM, Fluoropolymer, Fluorel®, Viton®,

General Description:
FKM compounds are widely used in chemical, automotive, aerospace and industrial applications. These compounds offer excellent chemical and temperature resistance. There are many additional specialty compounds based on A, B, F, GLT, GFLT, LTFE and ETP polymer types. Please contact engineering@marcorubber.com for assistance in selecting a specialized compound when increased resistance to temperature, chemicals, or physical properties is required.

Features:
- Metal detectable
- FDA Compliant
- High temperature resistance.
- Excellent resistance to acids, fuels, mineral oils, greases, aliphatic, aromatic and chlorinated hydrocarbons, non-flammable hydraulic fluids (HFD) and many organic solvents and chemicals.
- Excellent resistance to aging and ozone.
- Low gas permeability, low compression set.

Limitations:
- Steam, hot water, amines, polar solvents, low molecular weight organic solvents and glycol-based brake fluids.

Service Temperature:
-15° to 437° F

TYPICAL PHYSICAL PROPERTIES

ORIGINAL PROPERTIES	ASTM	Value
Hardness, Shore A, ASTM D2240 (Z1=75+/-5)	D1415	74
Color		Black
Tensile Strength, MPa (psi), per ASTM D412	D412	9.0 (1,300)
Ultimate Elongation, %, per ASTM D412	D412	190
Specific gravity		1.94
Compression Set 22 Hrs @200°C, per ASTM D395	D395	28%

Viton® is a registered trademark of Dupont. Fluorel® is a registered trademark of Dyneon.