



## Marco Compound # V1217

### 75 Durometer, White, FDA and USP Class VI 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. Marco compound V1217 is specially formulated to be FDA and USP Class VI compliant. There are many additional specialty compounds based on A, B, F, GLT, GFLT, LTFE and ETP polymer types. Please contact [engineering@marcorubber.com](mailto:engineering@marcorubber.com) for assistance in selecting a specialized compound when increased resistance to temperature, chemicals, or physical properties is required.

#### **Features:**

- FDA compliant per 21 CFR 177.2600, Rubber articles intended for repeated use
- USP Class VI certified
- 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:**

- Amines, polar solvents, low molecular weight organic solvents and glycol-based brake fluids.

#### **Service Temperature:**

-15 to 400°F (-26 to 204°C)

(Additional compounds may be available with expanded temperature ranges).

## PHYSICAL PROPERTY STANDARDS

ORIGINAL PROPERTIES	Typical Test Results
Hardness, Shore A, ASTM D2240	75 ± 5
Color	White
Tensile Strength, psi, ASTM D1414	1450
Ultimate Elongation, %, ASTM D412	200
Compression Set (24hrs @ 392°F), %, ASTM D395	14

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Fluorel® is a registered trademark of Dyneon

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