Request a Quote

(800) 775-6525 Fax: (800) 421-2923
engineering@marcorubber.com
www.marcorubber.com

Marco Compound # V1195
75 Durometer, Black, 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 V1195 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 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	Black
Tensile Strength, psi, ASTM D1414	2600
Ultimate Elongation, %, ASTM D412	225
Modulus @ 100%, psi, ASTM D1414	2199
Compression Set (70hrs @ 392°F), %, ASTM D395	15

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