Fluorosilicone rubber contains trifluoropropyl groups next to the methyl groups. The mechanical and physical properties are very similar to silicone rubber. However, fluorosilicone offers improved fuel and mineral oil resistance but poor hot air resistance when compared with silicone.

Both o-rings and gaskets can be made from Fluorosilicone materials.

Names: **Fluorosilicone, FVMQ**

**Compound Info**
- **ASTM D1418 Designation**: FVMQ
- **ASTM D2000/SAE J200 Type, ClassFK**
- **Hardness (Shore A)**: 40-80
- **Color**: blue

**Thermal Properties**
- **Min Temp.**: -100°F (-73°C)
- **Max Temp.**: 400°F (204°C)

**Compatibility**
- **Chemical Resistance**: Aromatic mineral oils (IRM 903 oil)
- **NOT compatible** Low molecular weight aromatic hydrocarbons (benzene, toluene)
Disclaimer: These are general guidelines only. All materials should be tested in your application.