



# ElastaPro Silicone Sheeting

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## FLUROSILICONE (FVMQ) CALENDERED SHEET ESS50FS

### DESCRIPTION:

Our Fluorosilicone Calendered Sheeting is designed to deliver excellent chemical resistance to dilute acids and alkalines, and non-polar fluids like petroleum oils, hydrocarbon fuels, diester, and silicone oils. Key applications span from aerospace, military, and automotive. Various Sheet thicknesses and widths available. Please contact ElastaPro Customer Service for more details.

### KEY CHARACTERISTICS:

- Extreme High & Low-Temperature Resistant -80°F to +450°F (500°F Intermittent)
- Excellent for Static and Dynamic Seals, Gaskets and O-Rings
- Fabricated with high-quality raw materials
- Low compression set
- UV / Ozone Resistant & Excellent Electrical Insulator
- Produced with ingredients per FDA TITLE 21 CFR 177.2600
- **SPECIFICATION: AMS-R-25988 TY2CL1 GRADE 50, ASTM D2000/J200 TYPE FK**

TYPICAL PROPERTIES	TEST METHOD	ESS50FS
Specific Gravity, g/cc	ASTM D297	1.48
Durometer, Shore "A"	ASTM D2240	50+/-5
Tensile Strength, psi	ASTM D412	1000
Elongation, %	ASTM D412	250
Tear, ppi Die "B"	ASTM D624	125
Vol Swell % Ref Fuel B 70 hours/23C	ASTM D 471	17

These typical physical properties are provided for evaluation information only.  
It is up to the end-user to determine the appropriate material for the intended application.