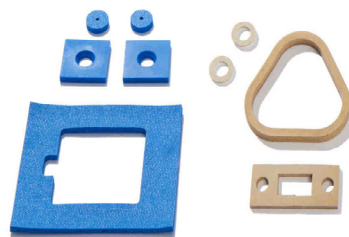




Stockwell
ELASTOMERICS

TECHNICAL DATA SHEET

SSP4773



Material Description | Peroxide-Catalyzed, Military Grade Fluorosilicone

SSP4773 is a family of compression set resistant fluorosilicone elastomers, compounded exclusively for Stockwell Elastomerics by SSP Inc. to meet MIL-DTL-25988 C. The unique fuel and chemical resistant properties of this product make it useful for gaskets and components exposed to extreme temperature environments and conditions where performance is mission critical – such as aerospace and defense electronics.

SSP4773 is available in precise thickness 12" wide rolls from 0.020" to 0.125" thick, sheets up to 0.5" thick, fabricated parts and molded articles. Each lot of SSP4773 is subjected to strict quality control and available with a certificate of analysis stating compliance to MIL-DTL-25988 C. Custom construction and compounds available, such as fiberglass reinforced composites.

SSP4773 Material Details

Typical Values*

	SSP4773-40	SSP4773-50	SSP4773-60	SSP4773-70
Durometer ASTM D 2240	40-A	50-A	60-A	70-A
Tensile ASTM D 412	1200 psi	1250 psi	1000 psi	1000 psi
Elongation ASTM D 412	500%	550%	350%	250%
Tear B ASTM D 624	130 ppi	240 ppi	150 ppi	128 ppi
C-Set ASTM D 395	70hrs @ 75°F 10%	70hrs @ 75°F 9%	70hrs @ 75°F 7%	70hrs @ 75°F 15%
	22hrs @ 347°F 15%	22hrs @ 347°F 25%	22hrs @ 347°F 20%	22hrs @ 347°F 20%
MIL-DTL-25988 C	Type 2 Class 1 Group 40	Type 2 Class 1 Group 50	Type 1 & 2 Class 1 Group 60	Type 1 & 2 Class 1 Group 70

Key Specifications:

- **Min-Max Temp.*** -70°F to 450°F
- **Resistance:** Fuels, Oils, Acids, Alkalis, Mineral Oils, Non-Polar Solvents & Salt Fog
- **Color:** Blue

Scan To Learn More:



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