

EMI Conductive Rubber, LLC

1035 N. Armando Street Unit T – Anaheim, CA 92806 1-888-327-7122 / 714-414-0977 / 714-414-1179 <http://www.emiconductiverubberllc.com>
Email: emigaskets@gmail.com

Fluorosilicone

Common Name	Fluorosilicone
ASTM D-2000 Classification	FK
General Characteristics	
Durometer Range (Shore A)	50 - 80
Tensile Range (P.S.I.)	500 - 800
Elongation (Max. %)	300
Compression Set	Fair to Good
Resilience - Rebound	Excellent
Abrasion Resistance	Poor
Tear Resistance	Poor
Solvent Resistance	Fair
Oil Resistance	Good
Low Temperature Usage (F°)	-80°
High Temperature Usage (F°)	to 300°
Aging Weather - Sunlight	Excellent
Adhesion to Metal	Poor

Description

Fluorosilicone is considerable more expensive than silicone, however it is developed for special applications where general resistance to oxidizing chemicals, aromatic and chlorinated solvent bases is required.

Fluorosilicone is not recommended and is generally attacked when exposed to brake fluids, hydrazine and ketones. Fluorosilicone should not be confused with silicone in regard to high heat resistance.