SSP
silicones that work

SEAL & DESIGN INC.
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SSP-502F-80

Conductive Fluorosilicone Elastomer

PRODUCT DESCRIPTION

The SSP502F-80 is an 80 durometer nickel coated graphite filled fluorosilicone elastomer. This product is supplied as ready-to-mold compound; fully cured, conductive sheet stock; continuous extrusion profiles; or, for some formulations, continuous rolls.

DATA	Method	Typical Values
Shore A (75- 85 range)	ASTM D2240	80
Tensile psi (200 minimum)	ASTM D412	290 psi
Elongation % (100 minimum)	ASTM D412	200%
Tear "B" ppi (50 min)	ASTM D624	90
Specific Gravity (Report)	ASTM D792	2.37
Volume Resistivity ohm / cm (0.1 max)	ASTM D991	.015 ohm /cm
Color	-	Dark Gray
Thermal Stability Range	-	-55°C - 200°C
Shielding Effectiveness 20MHZ-10GHZ (E-Field)	Mil-G-83528	> 113

CATALYZING

Raw material available catalyzed and ready for press cure molding. Data above was generated with Varox catalyst system.

SHELF LIFE

Uncatalyzed – indefinite, may need freshening after 1-2 years. Catalyzed – 6 months. Cured – indefinite.
Cold storage will extend shelf life of catalyzed base.

HANDLING & SAFETY

MSDS information is available on request.

SEAL & DESIGN ABLE

Seal & Design
Able Division
5533 Steeles Avenue West Unit 11
Toronto, Ontario M9L 1S7
Ph: (416) 741-0750
Gasket@AbleSealAndDesign.com

SEAL & DESIGN INC.

Seal & Design
Corporate Headquarters
4015 Casilio Parkway
Clarence, NY 14031
Ph: (716) 759-2222
Info@SealAndDesign.com
www.SealAndDesign.com

SEAL & DESIGN HIGBEE

Seal & Design
Higbee Division
6741 Thompson Rd N
Syracuse, NY 13221
Ph: (315) 432-8021
Sales@Higbee-Inc.com