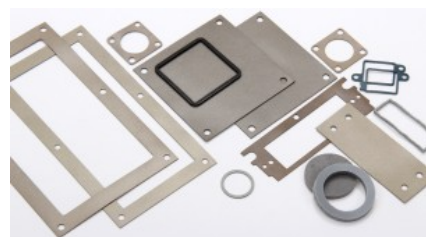




SpecShield™ Conductive Elastomers

CATALOG

DOMINIC TESTO



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DOMINIC TESTO

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Introduction

Benefits of SpecShield™ Conductive Elastomers:

- Dependable environmental sealing and electrical conductivity
- Reliable EMI shielding, including many products with third-party shielding reports
- MIL-DTL-83528 tested, QPL Listed, and UL 94 compliant materials
- Shorter lead times and lower minimum order quantities (MOQs)
- Compression-molded sheet stock in various inch-based thicknesses
- Custom roll stock is available for many products and helps minimize material waste
- SSP also supplies EMI extrusions in standard shapes and bonds O-rings

SpecShield™ conductive elastomers conduct electricity, resist electromagnetic interference (EMI), and provide environmental sealing. They use silicone or fluorosilicone as the base material and are filled with metal or metal-coated particles. Silicones can withstand water, ozone, ultraviolet light (UV), and a wide range of temperatures. Fluorosilicones add fuel and solvent resistance.

To provide EMI shielding and electrical conductivity, SSP packs the base elastomer (a natural insulator) with silver, silver-aluminum, silver-copper, silver-glass, or nickel-glass particles. These fillers differ in terms of cost, conductivity, and typical volume resistivity (VR) – an indirect measure of shielding effectiveness.

Filler Type	Cost	Electrical Conductivity	Typical VR (ohms/cm)
Silver	\$\$\$\$\$	Extremely Conductive	.0009
Silver-Aluminum	\$\$\$\$	Super Conductive	.003
Silver-Copper	\$\$\$\$	Super Conductive	.003
Silver-Glass	\$\$\$	Very Conductive	.006
Nickel-Graphite	\$\$	Conductive	.01

Balancing cost and performance is important, but many electronic designs need to meet application-specific requirements. That’s why SpecShield™ conductive elastomers include compounds that are softer and thinner, that reduce tearing, resist galvanic corrosion, or meet tough standards.


Specialty Silicone Products manufactures SpecShield™ conductive elastomers at its Ballston Spa, New York facility and serves customers worldwide. Our elastomers support gasket fabrication through a variety of methods and can strengthen your supply chain along with your electronic designs.



Products



The tables in this chapter organize SpecShield™ conductive elastomers by fill type and base material. Durometer is measured in Shore A. Shielding data is given in terms of Shielding Effectiveness, Volume Resistivity, Maximum VR, and/or Best-Case Attenuation Level. You'll also find information about whether specific compounds are available as sheets, rolls, extrusions, and/or ready-to-mold compounds.



This icon indicates that a third-party shielding report is available.



Nickel-Aluminum		
Silicone		
Product	Description	Shielding
SSP-2529	<p>SSP-2529 is a 68-durometer, nickel-aluminum EMI silicone that provides galvanic corrosion resistance.</p> <ul style="list-style-type: none"> ✓ Sheets ✓ Extrusions ✓ Ready-to-Mold Compounds 	<p>Shielding Effectiveness: 110 dB (MIL-DTL-83528)</p> 
Fluorosilicone		
Product	Description	Shielding
SSP-2551	<p>SSP-2551 is a 72-durometer, nickel-aluminum EMI fluorosilicone that resists galvanic corrosion, fuels, and solvents.</p> <ul style="list-style-type: none"> ✓ Sheets ✓ Extrusions ✓ Ready-to-Mold Compounds 	<p>Shielding Effectiveness: 112 dB (MIL-DTL-83528)</p>

Nickel-Graphite		
Silicone		
Product	Description	Shielding
SSP-502 Series	<p>SSP-502 shielding silicones are available in a range of durometers and can be reinforced with an inner layer of conductive fabric. These EMI elastomers resist salt spray.</p> <ul style="list-style-type: none"> ✓ Sheets ✓ Ready-to-Mold Compounds ✓ Continuous Rolls for SSP-502-40, SSP-502-55, and SSP- 502-65 materials 	<p>Available Durometers</p> <p>SSP-502-30</p> <p>SSP-502-40</p> <p>SSP-502-55</p> <p>SSP-502-65</p> <p>SSP-502-75</p> 
SSP-502-65-CR	<p>SSP-502-65-CR is a 65-durometer nickel-graphite shielding silicone that’s produced in continuous rolls up to 15-in. wide.</p> <ul style="list-style-type: none"> ✓ Continuous Rolls 	<p>Volume Resistivity: 0.1 ohms-cm</p> <p>Best-Case Attenuation: 143 dB @ 80 MHz</p> 


Nickel-Graphite		
Fluorosilicone		
Product	Description	Shielding
SSP-502F-50	<p>SSP-502F-50 is a 50-durometer nickel-graphite EMI fluorosilicone for harsh environments.</p> <ul style="list-style-type: none"> ✓ Sheets ✓ Extrusions ✓ Ready-to-Mold Compounds ✓ Continuous Rolls 	<p>Shielding Effectiveness: > 113 dB (E-Field)</p> 
SSP-502F-60	<p>SSP-502F-60 is a 60-durometer nickel-graphite EMI fluorosilicone for harsh environments.</p> <ul style="list-style-type: none"> ✓ Sheets ✓ Extrusions ✓ Ready-to-Mold Compounds ✓ Continuous Rolls 	<p>Shielding Effectiveness: 130.8 @ 100 MHz</p> 
SSP-502F-80	<p>SSP-502F-80 is an 80-durometer nickel-graphite EMI fluorosilicone for harsh environments.</p> <ul style="list-style-type: none"> ✓ Sheets ✓ Extrusions ✓ Ready-to-Mold Compounds ✓ Continuous Rolls 	<p>Volume Resistivity: 0.25 ohm/cm</p>



Nickel-Graphite


Fabric Reinforced Silicone (ArmouRFI™)

Product	Description	Shielding
SSP-502-65-020-Composite-NG-1	<p>SSP-502-65-020 Composite-NG-1 is a 65-durometer, nickel-graphite silicone that's reinforced with an inner layer of conductive fabric and available in rolls up to 15 inches wide.</p> <p>✓ Continuous Rolls</p>	<p>Volume Resistivity: 0.007 ohms-cm</p> <p>Best-Case Attenuation: 143 dB @ 80 MHz</p> 
SSP-502-65-032-Composite-NG-1	<p>SSP-502-65-032 Composite-NG-1 is a 65-durometer, nickel-graphite silicone that's reinforced with an internal nickel-coated mesh.</p> <p>✓ Continuous Rolls</p>	<p>Volume Resistivity: 0.007 ohms-cm</p> <p>Best Case Attenuation: 136.1 dB @ 100 MHz</p> 

Nickel-Graphite		
Flame Retardant Silicone		
Product	Description	Shielding
SSP-502-40-V1	<p>SSP-502-40-V1 is a 40-durometer, nickel-graphite, flame-retardant shielding silicone that's tested to UL 94 V1.</p> <ul style="list-style-type: none"> ✓ Sheets ✓ Ready-to-Mold Compounds ✓ Continuous Rolls 	<p>Shielding Effectiveness: > 113 dB (E-Field)</p>
SSP-502-60-V0	<p>SSP-502-60-V0 is a 60-durometer, nickel-graphite, flame-retardant shielding silicone that's tested to UL 94 V0.</p> <ul style="list-style-type: none"> ✓ Sheets ✓ Ready-to-Mold Compounds ✓ Continuous Rolls 	<p>Shielding Effectiveness: > 100 dB (E-Field)</p>
SSP-502-60-V1	<p>SSP-502-60-V1 is a 60-durometer, nickel-graphite, flame-retardant shielding silicone that's tested to UL 94 V1.</p> <ul style="list-style-type: none"> ✓ Sheets ✓ Ready-to-Mold Compounds ✓ Continuous Rolls 	<p>Volume Resistivity: 0.1 ohm/cm</p>

Silver-Aluminum		
Silicone		
Product	Description	Shielding
SSP-2368-65	<p>SSP-2368-65 is a 65-durometer, silver-aluminum silicone that's designed to meet MIL-G-83528C Type B requirements.</p> <ul style="list-style-type: none"> ✓ Sheets ✓ Ready-to-Mold Compounds 	<p>Shielding Effectiveness: > 114 dB (E-Field)</p> 
SSP-2426-30	<p>SSP-2426-30 is a 30-durometer, silver-aluminum silicone that's softer than many other EMI materials.</p> <ul style="list-style-type: none"> ✓ Sheets ✓ Ready-to-Mold Compounds 	<p>Volume Resistivity: 0.015 ohms-cm</p>

Silver-Aluminum		
Fluorosilicone		
Product	Description	Shielding
SSP-550-45	<p>SSP-550-45 is a 45-durometer, electrically-conductive, silver-aluminum shielding fluorosilicone that is designed to meet MIL-DTL-83528 Type D.</p> <ul style="list-style-type: none"> ✓ Sheets ✓ Ready-to-Mold Compounds 	<p>Volume Resistivity: 0.012 ohms-cm</p> <p>Shielding Effectiveness: 137.8 dB @ 80 MHz</p> 
SSP-2486-70	<p>SSP-2486-70 is a 70-durometer, electrically-conductive, silver-aluminum shielding fluorosilicone that meets MIL-DTL-83528 Type D and is QPL listed.</p> <ul style="list-style-type: none"> ✓ Sheets ✓ Extrusions ✓ Ready-to-Mold Compounds 	<p>Shielding Effectiveness: > 90.8 dB (E-Field)</p> 
SSP-550-70 Passivated	<p>SSP-550-70 Passivated is a 70-durometer, electrically-conductive, silver-aluminum shielding fluorosilicone that meets MIL-DTL-83528C Type D.</p> <ul style="list-style-type: none"> ✓ Sheets ✓ Ready-to-Mold Compounds ✓ Rolls 	<p>Shielding Effectiveness: 90 dB (Plane Wave)</p>

Silver-Copper		
Silicone		
Product	Description	Shielding
SSP-547-65	<p>SSP-547-65 is a 65-durometer, silver-copper silicone that's designed to meet MIL-DTL-83528 Type A requirements.</p> <ul style="list-style-type: none"> ✓ Sheets ✓ Ready-to-Mold Compounds 	<p>Best Case Attenuation: 144 dB @ 80 MHz</p> 
SSP-553-80	<p>SSP-553-80 is a 65-durometer, silver-copper silicone that's designed to meet MIL-DTL-83528 Type K requirements.</p> <ul style="list-style-type: none"> ✓ Sheets ✓ Extrusions ✓ Ready-to-Mold Compounds 	<p>Volume Resistivity: 0.004 ohms-cm</p>

Silver-Glass		
Silicone		
Product	Description	Shielding
SSP-416-65	<p>SSP-416-65 is a 65-durometer silicone that's filled with silver-plated glass beads and designed to meet MIL-DTL-83528 Type M.</p> <ul style="list-style-type: none"> ✓ Sheets ✓ Ready-to-Mold Compounds ✓ Extrusions 	<p>Volume Resistivity: 0.006 ohms-cm</p>

PART NUMBER	DESCRIPTION
E50230-080-S10	30 SHORE A NICKEL GRAPHITE FILLED SHEET .080" THICK
E50230-125-S10	30 SHORE A NICKEL GRAPHITE FILLED SHEET .125" THICK
10 x 10 MOLD DIMENSION	NICKEL-GRAPHITE SILICONE 30 DUROMETER
E50230-015-S04	30 SHORE A NICKEL GRAPHITE FILLED SHEET .015" THICK
E50230-040-S04	30 SHORE A NICKEL GRAPHITE FILLED SHEET .040" THICK
15 x 20 MOLD DIMENSION	NICKEL-GRAPHITE SILICONE 40 DUROMETER
E50240-010-S03	40 SHORE A NICKEL GRAPHITE FILLED SHEET .010" THICK
E50240-015-S03	40 SHORE A NICKEL GRAPHITE FILLED SHEET .015" THICK
E50240-020-S03	40 SHORE A NICKEL GRAPHITE FILLED SHEET .020" THICK
E50240-032-S03	40 SHORE A NICKEL GRAPHITE FILLED SHEET .032" THICK
E50240-040-S03	40 SHORE A NICKEL GRAPHITE FILLED SHEET .040" THICK
E50240-062-S03	40 SHORE A NICKEL GRAPHITE FILLED SHEET .062" THICK
E50240-093-S03	40 SHORE A NICKEL GRAPHITE FILLED SHEET .093" THICK
E50240-125-S03	40 SHORE A NICKEL GRAPHITE FILLED SHEET .125" THICK
E50240-160-S03	40 SHORE A NICKEL GRAPHITE FILLED SHEET .160" THICK
E50240-188-S03	40 SHORE A NICKEL GRAPHITE FILLED SHEET .188" THICK
E50240-250-S03	40 SHORE A NICKEL GRAPHITE FILLED SHEET .250" THICK
10 x 20 MOLD DIMENSION	NICKEL-GRAPHITE SILICONE 40 DUROMETER
E50240-032-S10	30 SHORE A NICKEL GRAPHITE FILLED SHEET .032" THICK
E50240-045-S10	30 SHORE A NICKEL GRAPHITE FILLED SHEET .045" THICK
E50240-062-S10	30 SHORE A NICKEL GRAPHITE FILLED SHEET .062" THICK
E50240-080-S10	30 SHORE A NICKEL GRAPHITE FILLED SHEET .080" THICK
E50240-125-S10	30 SHORE A NICKEL GRAPHITE FILLED SHEET .125" THICK
12 x 12 MOLD DIMENSION	NICKEL-GRAPHITE SILICONE 40 DUROMETER

PART NUMBER	DESCRIPTION
E50240-032-S01	40 SHORE A NICKEL GRAPHITE FILLED SHEET .032" THICK
E50240-040-S01	40 SHORE A NICKEL GRAPHITE FILLED SHEET .040" THICK
E50240-062-S01	40 SHORE A NICKEL GRAPHITE FILLED SHEET .062" THICK
E50240-100-S01	40 SHORE A NICKEL GRAPHITE FILLED SHEET .100" THICK
E50240-125-S01	40 SHORE A NICKEL GRAPHITE FILLED SHEET .125" THICK
E50240-137-S01	40 SHORE A NICKEL GRAPHITE FILLED SHEET .137" THICK
E50240-160-S01	40 SHORE A NICKEL GRAPHITE FILLED SHEET .160" THICK
10 x 10 MOLD DIMENSION	NICKEL-GRAPHITE SILICONE 40 DUROMETER
E50240-015-S04	40 SHORE A NICKEL GRAPHITE FILLED SHEET .015" THICK
E50240-040-S04	40 SHORE A NICKEL GRAPHITE FILLED SHEET .040" THICK
15 x 20 MOLD DIMENSION	NICKEL-GRAPHITE SILICONE 55 DUROMETER
E50255-010-S03	55 SHORE A NICKEL GRAPHITE FILLED SHEET .010" THICK
E50255-015-S03	55 SHORE A NICKEL GRAPHITE FILLED SHEET .015" THICK
E50255-020-S03	55 SHORE A NICKEL GRAPHITE FILLED SHEET .020" THICK
E50255-032-S03	55 SHORE A NICKEL GRAPHITE FILLED SHEET .032" THICK
E50255-040-S03	55 SHORE A NICKEL GRAPHITE FILLED SHEET .040" THICK
E50255-062-S03	55 SHORE A NICKEL GRAPHITE FILLED SHEET .062" THICK
E50255-093-S03	55 SHORE A NICKEL GRAPHITE FILLED SHEET .093" THICK
E50255-125-S03	55 SHORE A NICKEL GRAPHITE FILLED SHEET .125" THICK
E50255-160-S03	55 SHORE A NICKEL GRAPHITE FILLED SHEET .160" THICK
E50255-188-S03	55 SHORE A NICKEL GRAPHITE FILLED SHEET .188" THICK
E50255-250-S03	55 SHORE A NICKEL GRAPHITE FILLED SHEET .250" THICK
10 x 20 MOLD DIMENSION	NICKEL-GRAPHITE SILICONE 55 DUROMETER
E50255-032-S10	55 SHORE A NICKEL GRAPHITE FILLED SHEET .032" THICK
E50255-045-S10	55 SHORE A NICKEL GRAPHITE FILLED SHEET .045" THICK

PART NUMBER	DESCRIPTION
E50255-062-S10	55 SHORE A NICKEL GRAPHITE FILLED SHEET .062" THICK
E50255-080-S10	55 SHORE A NICKEL GRAPHITE FILLED SHEET .080" THICK
E50255-125-S10	55 SHORE A NICKEL GRAPHITE FILLED SHEET .125" THICK
12 x 12 MOLD DIMENSION	NICKEL-GRAPHITE SILICONE 55 DUROMETER
E50255-032-S01	55 SHORE A NICKEL GRAPHITE FILLED SHEET .032" THICK
E50255-040-S01	55 SHORE A NICKEL GRAPHITE FILLED SHEET .040" THICK
E50255-062-S01	55 SHORE A NICKEL GRAPHITE FILLED SHEET .062" THICK
E50255-100-S01	55 SHORE A NICKEL GRAPHITE FILLED SHEET .100" THICK
E50255-125-S01	55 SHORE A NICKEL GRAPHITE FILLED SHEET .125" THICK
E50255-137-S01	55 SHORE A NICKEL GRAPHITE FILLED SHEET .137" THICK
E50255-160-S01	55 SHORE A NICKEL GRAPHITE FILLED SHEET .160" THICK
10 x 10 MOLD DIMENSION	NICKEL-GRAPHITE SILICONE 55 DUROMETER
E50255-015-S04	55 SHORE A NICKEL GRAPHITE FILLED SHEET .015" THICK
E50255-040-S04	55 SHORE A NICKEL GRAPHITE FILLED SHEET .040" THICK
15 x 20 MOLD DIMENSION	NICKEL-GRAPHITE SILICONE 65 DUROMETER
E50265-010-S03	65 SHORE A NICKEL GRAPHITE FILLED SHEET .010" THICK
E50265-015-S03	65 SHORE A NICKEL GRAPHITE FILLED SHEET .015" THICK
E50265-020-S03	65 SHORE A NICKEL GRAPHITE FILLED SHEET .020" THICK
E50265-032-S03	65 SHORE A NICKEL GRAPHITE FILLED SHEET .032" THICK
E50265-040-S03	65 SHORE A NICKEL GRAPHITE FILLED SHEET .040" THICK
E50265-062-S03	65 SHORE A NICKEL GRAPHITE FILLED SHEET .062" THICK
E50265-093-S03	65 SHORE A NICKEL GRAPHITE FILLED SHEET .093" THICK
E50265-125-S03	65 SHORE A NICKEL GRAPHITE FILLED SHEET .125" THICK
E50265-160-S03	65 SHORE A NICKEL GRAPHITE FILLED SHEET .160" THICK
E50265-188-S03	65 SHORE A NICKEL GRAPHITE FILLED SHEET .188" THICK

PART NUMBER	DESCRIPTION
E50265-250-S03	65 SHORE A NICKEL GRAPHITE FILLED SHEET .250" THICK
10 x 20 MOLD DIMENSION	NICKEL-GRAPHITE SILICONE 65 DUROMETER
E50265-032-S10	65 SHORE A NICKEL GRAPHITE FILLED SHEET .032" THICK
E50265-045-S10	65 SHORE A NICKEL GRAPHITE FILLED SHEET .045" THICK
E50265-062-S10	65 SHORE A NICKEL GRAPHITE FILLED SHEET .062" THICK
E50265-080-S10	65 SHORE A NICKEL GRAPHITE FILLED SHEET .080" THICK
E50265-125-S10	65 SHORE A NICKEL GRAPHITE FILLED SHEET .124" THICK
12 x 12 MOLD DIMENSION	NICKEL-GRAPHITE SILICONE 65 DUROMETER
E50265-032-S01	65 SHORE A NICKEL GRAPHITE FILLED SHEET .032" THICK
E50265-040-S01	65 SHORE A NICKEL GRAPHITE FILLED SHEET .040" THICK
E50265-062-S01	65 SHORE A NICKEL GRAPHITE FILLED SHEET .062" THICK
E50265-100-S01	65 SHORE A NICKEL GRAPHITE FILLED SHEET .100" THICK
E50265-125-S01	65 SHORE A NICKEL GRAPHITE FILLED SHEET .125" THICK
E50265-137-S01	65 SHORE A NICKEL GRAPHITE FILLED SHEET .137" THICK
E50265-160-S01	65 SHORE A NICKEL GRAPHITE FILLED SHEET .160" THICK
10 x 10 MOLD DIMENSION	NICKEL-GRAPHITE SILICONE 65 DUROMETER
E50265-015-S04	65 SHORE A NICKEL GRAPHITE FILLED SHEET .015" THICK
E50265-040-S04	65 SHORE A NICKEL GRAPHITE FILLED SHEET .040" THICK
15 x 20 MOLD DIMENSION	NICKEL-GRAPHITE FLUROSILICONE 60 DUROMETER
E502F60-010-S03	60 SHORE A NICKEL GRAPHITE FILLED FLUROSILICONE SHEET .010" THICK
E502F60-015-S03	60 SHORE A NICKEL GRAPHITE FILLED FLUROSILICONE SHEET .015" THICK
E502F60-020-S03	60 SHORE A NICKEL GRAPHITE FILLED FLUROSILICONE SHEET .020" THICK
E502F60-032-S03	60 SHORE A NICKEL GRAPHITE FILLED FLUROSILICONE SHEET .032" THICK
E502F60-040-S03	60 SHORE A NICKEL GRAPHITE FILLED FLUROSILICONE SHEET .040" THICK

PART NUMBER	DESCRIPTION
E502F60-062-S03	60 SHORE A NICKEL GRAPHITE FILLED FLUOROSILICONE SHEET .062" THICK
E502F60-093-S03	60 SHORE A NICKEL GRAPHITE FILLED FLUOROSILICONE SHEET .093" THICK
E502F60-125-S03	60 SHORE A NICKEL GRAPHITE FILLED FLUOROSILICONE SHEET .125" THICK
E502F60-160-S03	60 SHORE A NICKEL GRAPHITE FILLED FLUOROSILICONE SHEET .160" THICK
E502F60-188-S03	60 SHORE A NICKEL GRAPHITE FILLED FLUOROSILICONE SHEET .188" THICK
E502F60-250-S03	60 SHORE A NICKEL GRAPHITE FILLED FLUOROSILICONE SHEET .250" THICK
10 x 20 MOLD DIMENSION	NICKEL-GRAPHITE FLUOROSILICONE 60 DUROMETER
E502F60-032-S10	60 SHORE A NICKEL GRAPHITE FILLED FLUOROSILICONE SHEET .032" THICK
E502F60-045-S10	60 SHORE A NICKEL GRAPHITE FILLED FLUOROSILICONE SHEET .045" THICK
E502F60-062-S10	60 SHORE A NICKEL GRAPHITE FILLED FLUOROSILICONE SHEET .062" THICK
E502F60-080-S10	60 SHORE A NICKEL GRAPHITE FILLED FLUOROSILICONE SHEET .080" THICK
E502F60-125-S10	60 SHORE A NICKEL GRAPHITE FILLED FLUOROSILICONE SHEET .125" THICK
12 x 12 MOLD DIMENSION	NICKEL-GRAPHITE FLUOROSILICONE 60 DUROMETER
E502F60-032-S01	60 SHORE A NICKEL GRAPHITE FILLED FLUOROSILICONE SHEET .032" THICK
E502F60-040-S01	60 SHORE A NICKEL GRAPHITE FILLED FLUOROSILICONE SHEET .040" THICK
E502F60-062-S01	60 SHORE A NICKEL GRAPHITE FILLED FLUOROSILICONE SHEET .062" THICK
E502F60-100-S01	60 SHORE A NICKEL GRAPHITE FILLED FLUOROSILICONE SHEET .100" THICK
E502F60-125-S01	60 SHORE A NICKEL GRAPHITE FILLED FLUOROSILICONE SHEET .125" THICK
E502F60-137-S01	60 SHORE A NICKEL GRAPHITE FILLED FLUOROSILICONE SHEET .137" THICK
E502F60-160-S01	60 SHORE A NICKEL GRAPHITE FILLED FLUOROSILICONE SHEET .160" THICK
10 x 10 MOLD DIMENSION	NICKEL-GRAPHITE FLUOROSILICONE 60 DUROMETER
E502F60-015-S04	60 SHORE A NICKEL GRAPHITE FILLED FLUOROSILICONE SHEET .015" THICK
E502F60-040-S04	60 SHORE A NICKEL GRAPHITE FILLED FLUOROSILICONE SHEET .040" THICK

PART NUMBER	DESCRIPTION
15 x 20 MOLD DIMENSION	NICKEL-GRAPHITE SILICONE UL-94 V1 COMPLIANT (FLAME RETARDANT) 60 DUROMETER
E502V160-010-S03	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT SHEET .010" THICK
E502V160-015-S03	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT SHEET .015" THICK
E502V160-020-S03	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT SHEET .020" THICK
E502V160-032-S03	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT SHEET .032" THICK
E502V160-040-S03	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT SHEET .040" THICK
E502V160-062-S03	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT SHEET .062" THICK
E502V160-093-S03	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT SHEET .093" THICK
E502V160-125-S03	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT SHEET .125" THICK
E502V160-160-S03	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT SHEET .160" THICK
E502V160-188-S03	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT SHEET .188" THICK
E502V160-250-S03	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT SHEET .250" THICK
10 x 20 MOLD DIMENSION	NICKEL-GRAPHITE SILICONE UL-94 V1 COMPLIANT (FLAME RETARDANT) 60 DUROMETER
E502V160-032-S10	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT SHEET .032" THICK
E502V160-045-S10	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT SHEET .045" THICK
E502V160-062-S10	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT SHEET .062" THICK
E502V160-080-S10	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT SHEET .080" THICK
E502V160-125-S10	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT SHEET .125" THICK
12 x 12 MOLD DIMENSION	NICKEL-GRAPHITE SILICONE UL-94 V1 COMPLIANT (FLAME RETARDANT) 60 DUROMETER
E502V160-032-S01	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT SHEET .032" THICK
E502V160-040-S01	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT SHEET .040" THICK
E502V160-062-S01	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT SHEET .062" THICK
E502V160-100-S01	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT SHEET .100" THICK

PART NUMBER	DESCRIPTION
E502V160-125-S01	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT SHEET .125" THICK
E502V160-137-S01	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT SHEET .137" THICK
E502V160-160-S01	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT SHEET .160" THICK
10 x 10 MOLD DIMENSION	NICKEL-GRAPHITE SILICONE UL-94 V1 COMPLIANT (FLAME RETARDANT) 60 DUROMETER
E502V160-015-S04	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT SHEET .015" THICK
E502V160-040-S04	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT SHEET .040" THICK
15 x 20 MOLD DIMENSION	NICKEL-ALUMINUM SILICONE GALVANIC CORROSION RESISTANT 68 DUROMETER
E252968-020-S03	68 SHORE A NICKEL ALUMINUM FILLED GALVANIC CORROSION RESISTANT SHEET .020" THICK
E252968-032-S03	68 SHORE A NICKEL ALUMINUM FILLED GALVANIC CORROSION RESISTANT SHEET .032" THICK
E252968-040-S03	68 SHORE A NICKEL ALUMINUM FILLED GALVANIC CORROSION RESISTANT SHEET .040" THICK
E252968-062-S03	68 SHORE A NICKEL ALUMINUM FILLED GALVANIC CORROSION RESISTANT SHEET .062" THICK
E252968-093-S03	68 SHORE A NICKEL ALUMINUM FILLED GALVANIC CORROSION RESISTANT SHEET .093" THICK
E252968-125-S03	68 SHORE A NICKEL ALUMINUM FILLED GALVANIC CORROSION RESISTANT SHEET .125" THICK
E252968-160-S03	68 SHORE A NICKEL ALUMINUM FILLED GALVANIC CORROSION RESISTANT SHEET .160" THICK
E252968-188-S03	68 SHORE A NICKEL ALUMINUM FILLED GALVANIC CORROSION RESISTANT SHEET .188" THICK
E252968-250-S03	68 SHORE A NICKEL ALUMINUM FILLED GALVANIC CORROSION RESISTANT SHEET .250" THICK
10 x 20 MOLD DIMENSION	NICKEL-ALUMINUM SILICONE GALVANIC CORROSION RESISTANT 68 DUROMETER
E252968-020-S10	68 SHORE A NICKEL ALUMINUM FILLED GALVANIC CORROSION RESISTANT SHEET .020" THICK
E252968-032-S10	68 SHORE A NICKEL ALUMINUM FILLED GALVANIC CORROSION RESISTANT SHEET .032" THICK
E252968-040-S10	68 SHORE A NICKEL ALUMINUM FILLED GALVANIC CORROSION RESISTANT SHEET .040" THICK
E252968-062-S10	68 SHORE A NICKEL ALUMINUM FILLED GALVANIC CORROSION RESISTANT SHEET .062" THICK
E252968-093-S10	68 SHORE A NICKEL ALUMINUM FILLED GALVANIC CORROSION RESISTANT SHEET .093" THICK
E252968-125-S10	68 SHORE A NICKEL ALUMINUM FILLED GALVANIC CORROSION RESISTANT SHEET .125" THICK

PART NUMBER	DESCRIPTION
E252968-160-S10	68 SHORE A NICKEL ALUMINUM FILLED GALVANIC CORROSION RESISTANT SHEET .160" THICK
E252968-188-S10	68 SHORE A NICKEL ALUMINUM FILLED GALVANIC CORROSION RESISTANT SHEET .188" THICK
E252968-250-S10	68 SHORE A NICKEL ALUMINUM FILLED GALVANIC CORROSION RESISTANT SHEET .250" THICK
10 x 10 MOLD DIMENSION	NICKEL-ALUMINUM SILICONE GALVANIC CORROSION RESISTANT 68 DUROMETER
E252968-020-S04	68 SHORE A NICKEL ALUMINUM FILLED GALVANIC CORROSION RESISTANT SHEET .020" THICK
E252968-032-S04	68 SHORE A NICKEL ALUMINUM FILLED GALVANIC CORROSION RESISTANT SHEET .032" THICK
E252968-040-S04	68 SHORE A NICKEL ALUMINUM FILLED GALVANIC CORROSION RESISTANT SHEET .040" THICK
E252968-062-S04	68 SHORE A NICKEL ALUMINUM FILLED GALVANIC CORROSION RESISTANT SHEET .062" THICK
E252968-093-S04	68 SHORE A NICKEL ALUMINUM FILLED GALVANIC CORROSION RESISTANT SHEET .093" THICK
E252968-125-S04	68 SHORE A NICKEL ALUMINUM FILLED GALVANIC CORROSION RESISTANT SHEET .125" THICK
E252968-160-S04	68 SHORE A NICKEL ALUMINUM FILLED GALVANIC CORROSION RESISTANT SHEET .160" THICK
E252968-188-S04	68 SHORE A NICKEL ALUMINUM FILLED GALVANIC CORROSION RESISTANT SHEET .188" THICK
E252968-250-S04	68 SHORE A NICKEL ALUMINUM FILLED GALVANIC CORROSION RESISTANT SHEET .250" THICK
E252968-020-S04	68 SHORE A NICKEL ALUMINUM FILLED GALVANIC CORROSION RESISTANT SHEET .020" THICK
15 x 20 MOLD DIMENSION	SILVER-ALUMINUM SILICONE FULL CERTIFICATION TO MIL-DTL-83528C, TYPE B 65 DUROMETER
E236865DB-015-S03	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .015" THICK
E236865DB-020-S03	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .020" THICK
E236865DB-032-S03	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .032" THICK
E236865DB-040-S03	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .040" THICK
E236865DB-062-S03	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .062" THICK
E236865DB-093-S03	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .093" THICK
E236865DB-125-S03	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .125" THICK
E236865DB-160-S03	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .160" THICK
E236865DB-188-S03	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .188" THICK

PART NUMBER	DESCRIPTION
E236865DB-250-S03	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .250" THICK
10 x 20 MOLD DIMENSION	SILVER-ALUMINUM SILICONE FULL CERTIFICATION TO MIL-DTL-83528C, TYPE B 65 DUROMETER
E236865DB-032-S10	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .032" THICK
E236865DB-045-S10	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .045" THICK
E236865DB-062-S10	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .062" THICK
E236865DB-080-S10	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .080" THICK
E236865DB-125-S10	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .125" THICK
12 x 12 MOLD DIMENSION	SILVER-ALUMINUM SILICONE 65 DUROMETER
E236865DB-032-S01	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .032" THICK
E236865DB-040-S01	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .040" THICK
E236865DB-062-S01	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .062" THICK
E236865DB-100-S01	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .100" THICK
E236865DB-125-S01	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .125" THICK
E236865DB-137-S01	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .137" THICK
E236865DB-160-S01	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .160" THICK
10 x 10 MOLD DIMENSION	SILVER-ALUMINUM SILICONE 65 DUROMETER
E236865DB-015-S04	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .015" THICK
E236865DB-040-S04	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .040" THICK
15 x 20 MOLD DIMENSION	SILVER-ALUMINUM SILICONE COMMERCIAL, COST-EFFECTIVE GRADE FOR NON-MILITARY APPS 65 DUROMETER
E242665DB-010-S03	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .188" THICK
E242665DB-015-S03	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .015" THICK
E242665DB-020-S03	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .020" THICK
E242665DB-032-S03	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .032" THICK

PART NUMBER	DESCRIPTION
E242665DB-040-S03	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .040" THICK
E242665DB-062-S03	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .062" THICK
E242665DB-093-S03	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .093" THICK
E242665DB-125-S03	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .125" THICK
E242665DB-160-S03	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .160" THICK
E242665DB-188-S03	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .188" THICK
E242665DB-250-S03	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .250" THICK
10 x 20 MOLD DIMENSION	SILVER-ALUMINUM SILICONE 65 DUROMETER
E242665DB-032-S10	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .032" THICK
E242665DB-045-S10	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .045" THICK
E242665DB-062-S10	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .062" THICK
E242665DB-080-S10	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .080" THICK
E242665DB-125-S10	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .125" THICK
12 x 12 MOLD DIMENSION	SILVER-ALUMINUM SILICONE 65 DUROMETER
E242665DB-032-S01	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .032" THICK
E242665DB-040-S01	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .040" THICK
E242665DB-062-S01	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .062" THICK
E242665DB-100-S01	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .100" THICK
E242665DB-125-S01	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .125" THICK
E242665DB-137-S01	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .137" THICK
E242665DB-160-S01	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .160" THICK
10 x 10 MOLD DIMENSION	SILVER-ALUMINUM SILICONE 65 DUROMETER
E242665DB-015-S04	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .015" THICK
E242665DB-040-S04	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE SHEET .040" THICK

PART NUMBER	DESCRIPTION
15 x 20 MOLD DIMENSION	SILVER-ALUMINUM FLUROSILICONE 45 DUROMETER
E55045-015-S03	45 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE SHEET .015" THICK
E55045-020-S03	45 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE SHEET .020" THICK
E55045-032-S03	45 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE SHEET .032" THICK
E55045-040-S03	45 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE SHEET .040" THICK
E55045-062-S03	45 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE SHEET .062" THICK
E55045-093-S03	45 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE SHEET .093" THICK
E55045-125-S03	45 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE SHEET .125" THICK
E55045-160-S03	45 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE SHEET .160" THICK
E55045-188-S03	45 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE SHEET .188" THICK
E55045-250-S03	45 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE SHEET .250" THICK
10 x 20 MOLD DIMENSION	SILVER-ALUMINUM FLUROSILICONE 45 DUROMETER
E55045-032-S10	45 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE SHEET .032" THICK
E55045-045-S10	45 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE SHEET .045" THICK
E55045-062-S10	45 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE SHEET .062" THICK
E55045-080-S10	45 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE SHEET .080" THICK
E55045-125-S10	45 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE SHEET .125" THICK
12 x 12 MOLD DIMENSION	SILVER-ALUMINUM FLUROSILICONE 45 DUROMETER
E55045-032-S01	45 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE SHEET .032" THICK
E55045-040-S01	45 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE SHEET .040" THICK
E55045-062-S01	45 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE SHEET .062" THICK
E55045-100-S01	45 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE SHEET .100" THICK
E55045-125-S01	45 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE SHEET .125" THICK
E55045-137-S01	45 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE SHEET .137" THICK

PART NUMBER	DESCRIPTION
E55045-160-S01	
10 x 10 MOLD DIMENSION	SILVER-ALUMINUM FLUROSILICONE 45 DUROMETER
E55045-015-S04	45 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE SHEET .015" THICK
E55045-040-S04	45 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE SHEET .040" THICK
15 x 20 MOLD DIMENSION	SILVER-ALUMINUM FLUROSILICONE 70 DUROMETER
E55070DB-010-S03	70 SHORE A SILVER ALUMINUM FILLED DARK BLUE FLUOROSILICONE SHEET .010" THICK
E55070DB-015-S03	70 SHORE A SILVER ALUMINUM FILLED DARK BLUE FLUOROSILICONE SHEET .015" THICK
E55070DB-020-S03	70 SHORE A SILVER ALUMINUM FILLED DARK BLUE FLUOROSILICONE SHEET .020" THICK
E55070DB-032-S03	70 SHORE A SILVER ALUMINUM FILLED DARK BLUE FLUOROSILICONE SHEET .032" THICK
E55070DB-040-S03	70 SHORE A SILVER ALUMINUM FILLED DARK BLUE FLUOROSILICONE SHEET .040" THICK
E55070DB-062-S03	70 SHORE A SILVER ALUMINUM FILLED DARK BLUE FLUOROSILICONE SHEET .062" THICK
E55070DB-093-S03	70 SHORE A SILVER ALUMINUM FILLED DARK BLUE FLUOROSILICONE SHEET .093" THICK
E55070DB-125-S03	70 SHORE A SILVER ALUMINUM FILLED DARK BLUE FLUOROSILICONE SHEET .125" THICK
E55070DB-160-S03	70 SHORE A SILVER ALUMINUM FILLED DARK BLUE FLUOROSILICONE SHEET .160" THICK
E55070DB-188-S03	70 SHORE A SILVER ALUMINUM FILLED DARK BLUE FLUOROSILICONE SHEET .188" THICK
E55070DB-250-S03	70 SHORE A SILVER ALUMINUM FILLED DARK BLUE FLUOROSILICONE SHEET .250" THICK
10 x 20 MOLD DIMENSION	SILVER-ALUMINUM FLUROSILICONE 70 DUROMETER
E55070DB-032-S10	70 SHORE A SILVER ALUMINUM FILLED DARK BLUE FLUOROSILICONE SHEET .032" THICK
E55070DB-045-S10	70 SHORE A SILVER ALUMINUM FILLED DARK BLUE FLUOROSILICONE SHEET .045" THICK
E55070DB-062-S10	70 SHORE A SILVER ALUMINUM FILLED DARK BLUE FLUOROSILICONE SHEET .062" THICK
E55070DB-080-S10	70 SHORE A SILVER ALUMINUM FILLED DARK BLUE FLUOROSILICONE SHEET .080" THICK
E55070DB-125-S10	70 SHORE A SILVER ALUMINUM FILLED DARK BLUE FLUOROSILICONE SHEET .125" THICK
12 x 12 MOLD DIMENSION	SILVER-ALUMINUM FLUROSILICONE 70 DUROMETER
E55070DB-032-S01	70 SHORE A SILVER ALUMINUM FILLED DARK BLUE FLUOROSILICONE SHEET .032" THICK

PART NUMBER	DESCRIPTION
E55070DB-040-S01	70 SHORE A SILVER ALUMINUM FILLED DARK BLUE FLUROSILICONE SHEET .040" THICK
E55070DB-062-S01	70 SHORE A SILVER ALUMINUM FILLED DARK BLUE FLUROSILICONE SHEET .062" THICK
E55070DB-100-S01	70 SHORE A SILVER ALUMINUM FILLED DARK BLUE FLUROSILICONE SHEET .100" THICK
E55070DB-125-S01	70 SHORE A SILVER ALUMINUM FILLED DARK BLUE FLUROSILICONE SHEET .125" THICK
E55070DB-137-S01	70 SHORE A SILVER ALUMINUM FILLED DARK BLUE FLUROSILICONE SHEET .137" THICK
E55070DB-160-S01	70 SHORE A SILVER ALUMINUM FILLED DARK BLUE FLUROSILICONE SHEET .160" THICK
10 x 10 MOLD DIMENSION	SILVER-ALUMINUM FLUROSILICONE 70 DUROMETER
E55070DB-015-S04	70 SHORE A SILVER ALUMINUM FILLED DARK BLUE FLUROSILICONE SHEET .015" THICK
E55070DB-040-S04	70 SHORE A SILVER ALUMINUM FILLED DARK BLUE FLUROSILICONE SHEET .040" THICK
15 x 20 MOLD DIMENSION	SILVER-COPPER SILICONE 65 SHORE A
E54765-010-S03	65 SHORE A SILVER COPPER FILLED SHEET .010" THICK
E54765-015-S03	65 SHORE A SILVER COPPER FILLED SHEET .015" THICK
E54765-020-S03	65 SHORE A SILVER COPPER FILLED SHEET .020" THICK
E54765-032-S03	65 SHORE A SILVER COPPER FILLED SHEET .032" THICK
E54765-040-S03	65 SHORE A SILVER COPPER FILLED SHEET .040" THICK
E54765-062-S03	65 SHORE A SILVER COPPER FILLED SHEET .062" THICK
E54765-093-S03	65 SHORE A SILVER COPPER FILLED SHEET .093" THICK
E54765-125-S03	65 SHORE A SILVER COPPER FILLED SHEET .125" THICK
E54765-160-S03	65 SHORE A SILVER COPPER FILLED SHEET .160" THICK
E54765-188-S03	65 SHORE A SILVER COPPER FILLED SHEET .188" THICK
E54765-250-S03	65 SHORE A SILVER COPPER FILLED SHEET .250" THICK
10 x 20 MOLD DIMENSION	SILVER-COPPER SILICONE 65 SHORE A
E54765-032-S10	65 SHORE A SILVER COPPER FILLED SHEET .032" THICK
E54765-045-S10	65 SHORE A SILVER COPPER FILLED SHEET .045" THICK
E54765-062-S10	65 SHORE A SILVER COPPER FILLED SHEET .062" THICK

PART NUMBER	DESCRIPTION
E54765-080-S10	65 SHORE A SILVER COPPER FILLED SHEET .080" THICK
E54765-125-S10	65 SHORE A SILVER COPPER FILLED SHEET .125" THICK
12 x 12 MOLD DIMENSION	SILVER-COPPER SILICONE 65 DUROMETER
E54765-032-S01	65 SHORE A SILVER COPPER FILLED SHEET .032" THICK
E54765-040-S01	65 SHORE A SILVER COPPER FILLED SHEET .040" THICK
E54765-062-S01	65 SHORE A SILVER COPPER FILLED SHEET .062" THICK
E54765-100-S01	65 SHORE A SILVER COPPER FILLED SHEET .100" THICK
E54765-125-S01	65 SHORE A SILVER COPPER FILLED SHEET .125" THICK
E54765-137-S01	65 SHORE A SILVER COPPER FILLED SHEET .137" THICK
E54765-160-S01	65 SHORE A SILVER COPPER FILLED SHEET .160" THICK
10 x 10 MOLD DIMENSION	SILVER-COPPER SILICONE 65 DUROMETER
E54765-015-S04	65 SHORE A SILVER COPPER FILLED SHEET .015" THICK
E54765-040-S04	65 SHORE A SILVER COPPER FILLED SHEET .040" THICK
15 x 20 MOLD DIMENSION	SILVER-COPPER SILICONE 85 DUROMETER
E54785-010-S03	85 SHORE A SILVER COPPER FILLED SHEET .010" THICK
E54785-015-S03	85 SHORE A SILVER COPPER FILLED SHEET .015" THICK
E54785-020-S03	85 SHORE A SILVER COPPER FILLED SHEET .020" THICK
E54785-032-S03	85 SHORE A SILVER COPPER FILLED SHEET .032" THICK
E54785-040-S03	85 SHORE A SILVER COPPER FILLED SHEET .040" THICK
E54785-062-S03	85 SHORE A SILVER COPPER FILLED SHEET .062" THICK
E54785-093-S03	85 SHORE A SILVER COPPER FILLED SHEET .093" THICK
E54785-125-S03	85 SHORE A SILVER COPPER FILLED SHEET .125" THICK
E54785-160-S03	85 SHORE A SILVER COPPER FILLED SHEET .160" THICK
E54785-188-S03	85 SHORE A SILVER COPPER FILLED SHEET .188" THICK
E54785-250-S03	85 SHORE A SILVER COPPER FILLED SHEET .250" THICK

PART NUMBER	DESCRIPTION
10 x 20 MOLD DIMENSION	SILVER-COPPER SILICONE 85 DUROMETER
E54785-032-S10	85 SHORE A SILVER COPPER FILLED SHEET .032" THICK
E54785-045-S10	85 SHORE A SILVER COPPER FILLED SHEET .045" THICK
E54785-062-S10	85 SHORE A SILVER COPPER FILLED SHEET .062" THICK
E54785-080-S10	85 SHORE A SILVER COPPER FILLED SHEET .080" THICK
E54785-125-S10	85 SHORE A SILVER COPPER FILLED SHEET .125" THICK
12 x 12 MOLD DIMENSION	SILVER-COPPER SILICONE 85 DUROMETER
E54785-032-S01	85 SHORE A SILVER COPPER FILLED SHEET .032" THICK
E54785-040-S01	85 SHORE A SILVER COPPER FILLED SHEET .040" THICK
E54785-062-S01	85 SHORE A SILVER COPPER FILLED SHEET .062" THICK
E54785-100-S01	85 SHORE A SILVER COPPER FILLED SHEET .100" THICK
E54785-125-S01	85 SHORE A SILVER COPPER FILLED SHEET .125" THICK
E54785-137-S01	85 SHORE A SILVER COPPER FILLED SHEET .137" THICK
E54785-160-S01	85 SHORE A SILVER COPPER FILLED SHEET .160" THICK
10 x 10 MOLD DIMENSION	SILVER-COPPER SILICONE 85 DUROMETER
E54785-015-S04	85 SHORE A SILVER COPPER FILLED SHEET .015" THICK
E54785-040-S04	85 SHORE A SILVER COPPER FILLED SHEET .040" THICK
15 x 20 MOLD DIMENSION	SILVER-GLASS SILICONE 65 DUROMETER
E41665-010-S03	65 SHORE A SILVER GLASS FILLED SHEET .010" THICK
E41665-015-S03	65 SHORE A SILVER GLASS FILLED SHEET .015" THICK
E41665-020-S03	65 SHORE A SILVER GLASS FILLED SHEET .020" THICK
E41665-032-S03	65 SHORE A SILVER GLASS FILLED SHEET .032" THICK
E41665-040-S03	65 SHORE A SILVER GLASS FILLED SHEET .040" THICK
E41665-062-S03	65 SHORE A SILVER GLASS FILLED SHEET .062" THICK

PART NUMBER	DESCRIPTION
E41665-093-S03	65 SHORE A SILVER GLASS FILLED SHEET .093" THICK
E41665-125-S03	65 SHORE A SILVER GLASS FILLED SHEET .125" THICK
E41665-160-S03	65 SHORE A SILVER GLASS FILLED SHEET .160" THICK
E41665-188-S03	65 SHORE A SILVER GLASS FILLED SHEET .188" THICK
E41665-250-S03	65 SHORE A SILVER GLASS FILLED SHEET .250" THICK
10 x 20 MOLD DIMENSION	SILVER-GLASS SILICONE 65 DUROMETER
E41665-032-S10	65 SHORE A SILVER GLASS FILLED SHEET .032" THICK
E41665-045-S10	65 SHORE A SILVER GLASS FILLED SHEET .045" THICK
E41665-062-S10	65 SHORE A SILVER GLASS FILLED SHEET .062" THICK
E41665-080-S10	65 SHORE A SILVER GLASS FILLED SHEET .080" THICK
E41665-125-S10	65 SHORE A SILVER GLASS FILLED SHEET .125" THICK
12 x 12 MOLD DIMENSION	SILVER-GLASS SILICONE 65 DUROMETER
E41665-032-S01	65 SHORE A SILVER GLASS FILLED SHEET .032" THICK
E41665-040-S01	65 SHORE A SILVER GLASS FILLED SHEET .040" THICK
E41665-062-S01	65 SHORE A SILVER GLASS FILLED SHEET .062" THICK
E41665-100-S01	65 SHORE A SILVER GLASS FILLED SHEET .100" THICK
E41665-125-S01	65 SHORE A SILVER GLASS FILLED SHEET .125" THICK
E41665-137-S01	65 SHORE A SILVER GLASS FILLED SHEET .137" THICK
E41665-160-S01	65 SHORE A SILVER GLASS FILLED SHEET .160" THICK
10 x 10 MOLD DIMENSION	SILVER-GLASS SILICONE 65 DUROMETER
E41665-015-S04	65 SHORE A SILVER GLASS FILLED SHEET .015" THICK
E41665-040-S04	65 SHORE A SILVER GLASS FILLED SHEET .040" THICK
15 x 20 MOLD DIMENSION	SILVER-GLASS SILICONE 70 DUROMETER
E152970-010-S03	70 SHORE A SILVER GLASS FILLED SHEET .010" THICK

PART NUMBER	DESCRIPTION
E152970-015-S03	70 SHORE A SILVER GLASS FILLED SHEET .015" THICK
E152970-020-S03	70 SHORE A SILVER GLASS FILLED SHEET .020" THICK
E152970-032-S03	70 SHORE A SILVER GLASS FILLED SHEET .032" THICK
E152970-040-S03	70 SHORE A SILVER GLASS FILLED SHEET .040" THICK
E152970-062-S03	70 SHORE A SILVER GLASS FILLED SHEET .062" THICK
E152970-093-S03	70 SHORE A SILVER GLASS FILLED SHEET .093" THICK
E152970-125-S03	70 SHORE A SILVER GLASS FILLED SHEET .125" THICK
E152970-160-S03	70 SHORE A SILVER GLASS FILLED SHEET .160" THICK
E152970-188-S03	70 SHORE A SILVER GLASS FILLED SHEET .188" THICK
E152970-250-S03	70 SHORE A SILVER GLASS FILLED SHEET .250" THICK
10 x 20 MOLD DIMENSION	SILVER-GLASS SILICONE 70 DUROMETER
E152970-032-S10	70 SHORE A SILVER GLASS FILLED SHEET .032" THICK
E152970-045-S10	70 SHORE A SILVER GLASS FILLED SHEET .045" THICK
E152970-062-S10	70 SHORE A SILVER GLASS FILLED SHEET .062" THICK
E152970-080-S10	70 SHORE A SILVER GLASS FILLED SHEET .080" THICK
E152970-125-S10	70 SHORE A SILVER GLASS FILLED SHEET .125" THICK

PART NUMBER	DESCRIPTION
E50240-062-12W-CR	40 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .062" THICK
E50240-070-12W-CR	40 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .070" THICK
E50240-080-12W-CR	40 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .080" THICK
E50240-093-12W-CR	40 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .093" THICK
E50240-100-12W-CR	40 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .100" THICK
E50240-125-12W-CR	40 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .125" THICK
12" WIDE CONTINUOUS ROLLS	NICKEL-GRAPHITE SILICONE 50 DUROMETER
E50250-010-12W-CR	50 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .010" THICK
E50250-015-12W-CR	50 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .015" THICK
E50250-020-12W-CR	50 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .020" THICK
E50250-024-12W-CR	50 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .024" THICK
E50250-032-12W-CR	50 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .032" THICK
E50250-040-12W-CR	50 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .040" THICK
E50250-045-12W-CR	50 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .045" THICK
E50250-050-12W-CR	50 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .050" THICK
E50250-062-12W-CR	50 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .062" THICK
E50250-070-12W-CR	50 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .070" THICK
E50250-080-12W-CR	50 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .080" THICK
E50250-093-12W-CR	50 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .093" THICK
E50250-100-12W-CR	50 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .100" THICK
E50250-125-12W-CR	50 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .125" THICK
12" WIDE CONTINUOUS ROLLS	NICKEL-GRAPHITE SILICONE 65 DUROMETER
E50265-010-12W-CR	65 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .010" THICK
E50265-015-12W-CR	65 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .015" THICK
E50265-020-12W-CR	65 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .020" THICK
E50265-024-12W-CR	65 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .024" THICK

PART NUMBER	DESCRIPTION
E50265-032-12W-CR	65 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .032" THICK
E50265-040-12W-CR	65 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .040" THICK
E50265-045-12W-CR	65 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .045" THICK
E50265-050-12W-CR	65 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .050" THICK
E50265-062-12W-CR	65 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .062" THICK
E50265-070-12W-CR	65 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .070" THICK
E50265-080-12W-CR	65 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .080" THICK
E50265-093-12W-CR	65 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .093" THICK
E50265-100-12W-CR	65 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .100" THICK
E50265-125-12W-CR	65 SHORE A NICKEL GRAPHITE FILLED ROLLSTOCK .125" THICK
12" WIDE CONTINUOUS ROLLS	NICKEL-GRAPHITE FLUROSILICONE 50 SHORE A
E502F50-010-12W-CR	50 SHORE A NICKEL GRAPHITE FILLED FLUROSILICONE ROLLSTOCK .010" THICK
E502F50-015-12W-CR	50 SHORE A NICKEL GRAPHITE FILLED FLUROSILICONE ROLLSTOCK .015" THICK
E502F50-020-12W-CR	50 SHORE A NICKEL GRAPHITE FILLED FLUROSILICONE ROLLSTOCK .020" THICK
E502F50-032-12W-CR	50 SHORE A NICKEL GRAPHITE FILLED FLUROSILICONE ROLLSTOCK .032" THICK
E502F50-040-12W-CR	50 SHORE A NICKEL GRAPHITE FILLED FLUROSILICONE ROLLSTOCK .040" THICK
E502F50-062-12W-CR	50 SHORE A NICKEL GRAPHITE FILLED FLUROSILICONE ROLLSTOCK .062" THICK
E502F50-080-12W-CR	50 SHORE A NICKEL GRAPHITE FILLED FLUROSILICONE ROLLSTOCK .080" THICK
E502F50-093-12W-CR	50 SHORE A NICKEL GRAPHITE FILLED FLUROSILICONE ROLLSTOCK .093" THICK
E502F50-100-12W-CR	50 SHORE A NICKEL GRAPHITE FILLED FLUROSILICONE ROLLSTOCK .100" THICK
E502F50-125-12W-CR	50 SHORE A NICKEL GRAPHITE FILLED FLUROSILICONE ROLLSTOCK .125" THICK
12" WIDE CONTINUOUS ROLLS	NICKEL-GRAPHITE FLUROSILICONE 60 SHORE A
E502F60-010-12W-CR	60 SHORE A NICKEL GRAPHITE FILLED FLUROSILICONE ROLLSTOCK .010" THICK
E502F60-015-12W-CR	60 SHORE A NICKEL GRAPHITE FILLED FLUROSILICONE ROLLSTOCK .015" THICK
E502F60-020-12W-CR	60 SHORE A NICKEL GRAPHITE FILLED FLUROSILICONE ROLLSTOCK .020" THICK
E50260F-032-12W-CR	60 SHORE A NICKEL GRAPHITE FILLED FLUROSILICONE ROLLSTOCK .032" THICK

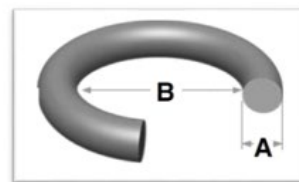
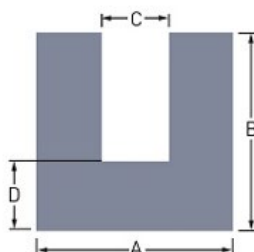
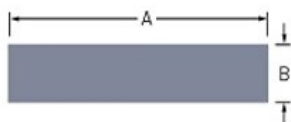
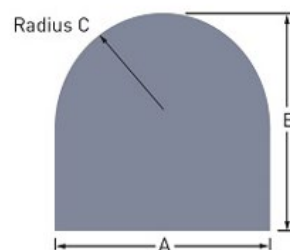
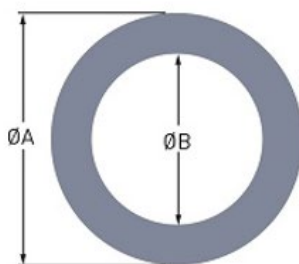
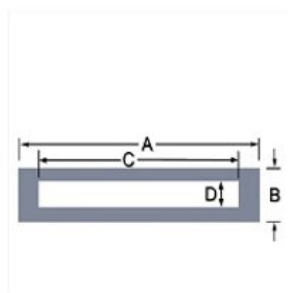
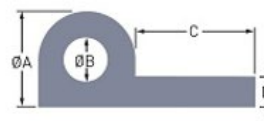
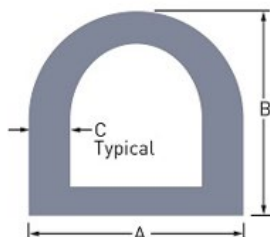
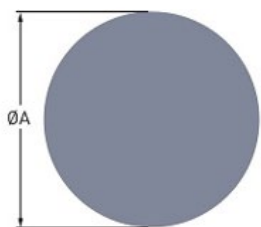
PART NUMBER	DESCRIPTION
E50260F-040-12W-CR	60 SHORE A NICKEL GRAPHITE FILLED FLUOROSILICONE ROLLSTOCK .040" THICK
E50260F-062-12W-CR	60 SHORE A NICKEL GRAPHITE FILLED FLUOROSILICONE ROLLSTOCK .062" THICK
E50260F-080-12W-CR	60 SHORE A NICKEL GRAPHITE FILLED FLUOROSILICONE ROLLSTOCK .080" THICK
E50260F-093-12W-CR	60 SHORE A NICKEL GRAPHITE FILLED FLUOROSILICONE ROLLSTOCK .093" THICK
E50260F-100-12W-CR	60 SHORE A NICKEL GRAPHITE FILLED FLUOROSILICONE ROLLSTOCK .100" THICK
E50260F-125-12W-CR	60 SHORE A NICKEL GRAPHITE FILLED FLUOROSILICONE ROLLSTOCK .125" THICK
12" WIDE CONTINUOUS ROLLS	NICKEL-GRAPHITE SILICONE UL-94 V1 COMPLIANT (FLAME RETARDANT) 60 DUROMETER
E50260V1-010-12W-CR	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT ROLLSTOCK .010" THICK
E50260V1-015-12W-CR	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT ROLLSTOCK .015" THICK
E50260V1-020-12W-CR	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT ROLLSTOCK .020" THICK
E50260V1-032-12W-CR	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT ROLLSTOCK .032" THICK
E50260V1-040-12W-CR	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT ROLLSTOCK .040" THICK
E50260V1-062-12W-CR	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT ROLLSTOCK .062" THICK
E50260V1-080-12W-CR	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT ROLLSTOCK .080" THICK
E50260V1-093-12W-CR	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT ROLLSTOCK .093" THICK
E50260V1-100-12W-CR	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT ROLLSTOCK .100" THICK
E50260V1-125-12W-CR	60 SHORE A NICKEL GRAPHITE FILLED FLAME RETARDANT ROLLSTOCK .125" THICK
12" WIDE CONTINUOUS ROLLS	SILVER-ALUMINUM SILICONE 65 DUROMETER COMMERCIAL-GRADE, NON-QPL *AVAILABLE IN 4 to 15 INCH WIDTHS IN MOST THICKNESSES*
E247665DB-015-12W-CR	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE ROLLSTOCK .015" THICK
E247665DB -020-12W-CR	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE ROLLSTOCK .020" THICK
E247665DB -032-12W-CR	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE ROLLSTOCK .032" THICK
E247665DB -040-12W-CR	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE ROLLSTOCK .040" THICK
E247665DB -062-12W-CR	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE ROLLSTOCK .062" THICK
E247665DB -080-12W-CR	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE ROLLSTOCK .080" THICK

PART NUMBER	DESCRIPTION
E247665DB -093-12W-CR	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE ROLLSTOCK .093" THICK
E247665DB -125-12W-CR	65 SHORE A SILVER ALUMINUM FILLED DARK BLUE ROLLSTOCK .125" THICK
12" WIDE CONTINUOUS ROLLS	SILVER-ALUMINUM FLUOROSILICONE 70 DUROMETER
E55070-010-12W-CR	70 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE ROLLSTOCK .010" THICK
E55070-015-12W-CR	70 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE ROLLSTOCK .015" THICK
E55070-020-12W-CR	70 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE ROLLSTOCK .020" THICK
E55070-032-12W-CR	70 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE ROLLSTOCK .032" THICK
E55070-040-12W-CR	70 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE ROLLSTOCK .040" THICK
E55070-062-12W-CR	70 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE ROLLSTOCK .062" THICK
E55070-080-12W-CR	70 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE ROLLSTOCK .080" THICK
E55070-093-12W-CR	70 SHORE A SILVER ALUMINUM FILLED FLUOROSILICONE ROLLSTOCK .093" THICK

Standard Extrusions

Specialty Silicone Products (SSP) supplies SpecShield™ conductive elastomers in the following types of standard extrusions.

Note: Call or email SSP for extruded profiles and bonded O-rings. Our contact information appears on the next page.





Specialty Silicone Products
3 McCrea Hill Road
Ballston Spa, NY 12020
(518) 885-8826
<https://www.spinc.com/contact/>