



Extruded Conductive Circular Strip (SOLID)

ECR213-CSTRIP001NICSIL-XXX

Physical Property:

Tensile (psi)	200
Elongation: (%)	100 /300
Tear (ppi)	35
Hardness (shore A)	60
Specific Gravity (g/cc)	2.00
Volume Resistivity (ohm-cm)	0.100
Shielding Effectiveness (dB)	<u>100 dB@10 GHz</u>



Product Description:

Material is made out of Nickel Coated Graphite Silicone. This material is enhanced galvanic corrosion resistance. Stability in harsh environment. Very good in electrical conductivity and comparable to other silver coated elastomers. The shielding effectiveness is tested about 100 dB@10 GHz. The volume resistivity is rated at 0.100 ohm -cm. The hardness is 60 duro

Order Information

Size	Qty (feet) - \$150 Mini			
	1-50	51-100	101-200	201-500
0.040 OD	\$4.06	\$3.56	\$3.06	\$2.56
0.053 OD	\$4.11	\$3.61	\$3.26	\$2.61
0.062 OD	\$4.15	\$3.65	\$3.30	\$2.65
0.070 OD	\$4.18	\$3.68	\$3.33	\$2.68
0.080 OD	\$4.24	\$3.74	\$3.39	\$2.74
0.093 OD	\$4.32	\$3.82	\$3.47	\$2.82
0.103 OD	\$4.40	\$3.90	\$3.55	\$2.90
0.119 OD	\$4.53	\$4.03	\$3.68	\$3.03
0.125 OD	\$4.58	\$4.08	\$3.73	\$3.08

E-mail: engineering@emiconductiverubberllc.com

Fax: (714)414-1179

Call: 1-888-327-7122 / 714-414-0977



Extruded Conductive Circular Strip (SOLID-O)

**ECR215-CSTRIP001NICFSIL-XXX**

Physical Property:

Tensile (psi)	190
Elongation: (%)	60 /260
Tear (ppi)	35
Hardness (shore A)	70
Specific Gravity (g/cc)	2.20
Volume Resistivity (ohm-cm)	0.100
Shielding Effectiveness (dB)	<a href="#">100 dB@10 GHz</a>



**Product Description:**

Material is made out of Nickel Coated Graphite F.Silicone. This material is enhanced galvanic corrosion resistance. Stability in harsh environment. Very good in electrical conductivity and comparable to other silver coated elastomers. The shielding effectiveness is tested about 100 dB@10 GHz. The volume resistivity is rated at 0.100 ohm -cm. The hardness is 70 duro.

**Order Information**

Size	Qty (feet) - \$150 Mini			
	1-50	51-100	101-200	201-500
0.040 OD	\$5.09	\$4.59	\$4.09	\$3.59
0.053 OD	\$5.16	\$4.66	\$4.16	\$3.66
0.062 OD	\$5.23	\$4.73	\$4.23	\$3.73
0.070 OD	\$5.28	\$4.78	\$4.28	\$3.78
0.080 OD	\$5.37	\$4.87	\$4.37	\$3.87
0.093 OD	\$5.50	\$5.00	\$4.50	\$4.00
0.103 OD	\$5.62	\$5.12	\$4.62	\$4.12
0.119 OD	\$5.82	\$5.32	\$4.82	\$4.32
0.125 OD	\$5.91	\$5.41	\$4.91	\$4.41
0.139 OD	\$6.12	\$5.62	\$5.12	\$4.62
0.188 OD	\$7.06	\$6.56	\$6.06	\$5.56

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Extruded Conductive Circular Strip (SOLID-O)

**ECR101-CSTRIP001SCSIL-XXX**

Physical Property:

Tensile (psi)	200
Elongation: (%)	100 /300
Tear (ppi)	25
Hardness (shore A)	65
Specific Gravity (g/cc)	3.50
Volume Resistivity (ohm-cm)	0.004
Shielding Effectiveness (dB)	<u>110 dB@10 GHz</u>



**Product Description:**

Material is made out of Silver Coated Copper Filled Silicone. This material performs good in a non-corrosive environment. Excellent electrical conductivity. The shielding effectiveness is tested about 110 dB@10 GHz. The volume resistivity is rated at 0.004 ohm-cm. The hardness is 65 duro.

**Order Information**

Size	Qty (feet) - \$500 Mini			
	1-50	51-100	101-200	201-500
0.040 OD				
0.053 OD				
0.062 OD				
0.070 OD				
0.080 OD				
0.093 OD				
0.103 OD				
0.119 OD				
0.125 OD				
0.139 OD				
0.188 OD				

SEND IN RFQ

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**Extruded Conductive Circular Strip (SOLID-O)**

**ECR102-CSTRIP001SASIL-XXX**

Physical Property:

Tensile (psi)	200
Elongation: (%)	100 /300
Tear (ppi)	30
Hardness (shore A)	65
Specific Gravity (g/cc)	1.90
Volume Resistivity (ohm-cm)	0.008
Shielding Effectiveness (dB)	<u>110 dB@10 GHz</u>



**Product Description:**

Material is made out of Silver Coated Aluminum Filled Silicone. This material performs excellent in corrosive environment. Excellent electrical conductivity. The shielding effectiveness is tested about 110 dB@10 GHz. The volume resistivity is rated at 0.008 ohm-cm. The hardness is 65 duro.

**Order Information**

Size	Qty (feet) - \$500 Minimum				
	1-50	51-100	101-200	201-500	500+
0.040 OD	SEND IN RFQ				
0.053 OD					
0.062 OD					
0.070 OD					
0.080 OD					
0.093 OD					
0.103 OD					
0.119 OD					
0.125 OD					
0.139 OD					
0.188 OD					
0.216 OD					
0.250 OD					

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Extruded Conductive Circular Strip (SOLID-O)

**ECR103-CSTRIP001SCFSIL-XXX**

Physical Property:

Tensile (psi)	180
Elongation: (%)	100 /300
Tear (ppi)	35
Hardness (shore A)	75
Specific Gravity (g/cc)	4.00
Volume Resistivity (ohm-cm)	0.010
Shielding Effectiveness (dB)	<a href="#">110 dB@10 GHz</a>



**Product Description:**

Material is made out of Silver Coated Copper Filled F.Silicone. This material performs good in a non-corrosive environment. Excellent electrical conductivity. The shielding effectiveness is tested about 110 dB@10 GHz. The volume resistivity is rated at 0.010 ohm-cm. The hardness is 75 duro.

**Order Information**

Size	Qty (feet) - \$500 Minimum				
	1-50	51-100	101-200	201-500	500+
0.040 OD	SEND IN RFQ				
0.053 OD					
0.062 OD					
0.070 OD					
0.080 OD					
0.093 OD					
0.103 OD					
0.119 OD					
0.125 OD					
0.139 OD					
0.188 OD					
0.216 OD					
0.250 OD					

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Extruded Conductive Circular Strip (SOLID-O)

**ECR104-CSTRIP001SAFSIL-XXX**

Physical Property:

Tensile (psi)	180
Elongation: (%)	60 /260
Tear (ppi)	35
Hardness (shore A)	70
Specific Gravity (g/cc)	2.00
Volume Resistivity (ohm-cm)	0.012
Shielding Effectiveness (dB)	<a href="#">110 dB@10 GHz</a>



**Product Description:**

Material is made out of Silver Coated Aluminum Filled F.Silicone. This material is excellent for corrosion resistant. It is commonly used in Military/Aerospace Applications. Light weight. Excellent electrical conductivity. The shielding effectiveness is tested about 110 dB@10 GHz. The volume resistivity is rated at 0.012 ohm-cm. The

**Order Information**

Size	Qty (feet) - \$500 Minimum				
	1-50	51-100	101-200	201-500	500+
0.040 OD	SEND IN RFQ				
0.053 OD					
0.062 OD					
0.070 OD					
0.080 OD					
0.093 OD					
0.103 OD					
0.119 OD					
0.125 OD					
0.139 OD					
0.188 OD					
0.216 OD					
0.250 OD					

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**Extruded Conductive Circular Strip (SOLID-O)**

**ECR110-CSTRIP001SCHDSIL-XXX**



**Physical Property:**

Tensile (psi)	400
Elongation: (%)	100 /300
Tear (ppi)	40
Hardness (shore A)	85
Specific Gravity (g/cc)	3.50
Volume Resistivity (ohm-cm)	0.005
Shielding Effectiveness (dB)	<a href="#">110 dB@10 GHz</a>

**Product Description:**

Material is made out of Silver Coated Copper Filled F.Silicone. This material performs good in non-corrosive environment. It is commonly used for waveguide gaskets, choke, cover, etc... Tough material with good physical properties. The shielding effectiveness is tested about 110 dB@10 GHz. The volume resistivity is rated at

**Order Information**

Size	Qty (feet) - \$500 Minimum				
	1-50	51-100	101-200	201-500	500+
0.040 OD	SEND IN RFQ				
0.053 OD					
0.062 OD					
0.070 OD					
0.080 OD					
0.093 OD					
0.103 OD					
0.119 OD					
0.125 OD					
0.139 OD					
0.188 OD					
0.216 OD					
0.250 OD					

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