

250-5/64 250C/10KVAC/25KVDC
250-7/64 250C/10KVAC/25KVDC

SGI 250

HIGH-VOLTAGE LEAD WIRE

RATINGS / APPROVALS

250°C - 10 KVAC / 25 KVDC - UL Style 3257

CONSTRUCTION

Conductors

22 AWG - 12 AWG

Stranded nickel-plated copper - 2%
(Other conductor materials available)

Insulating System

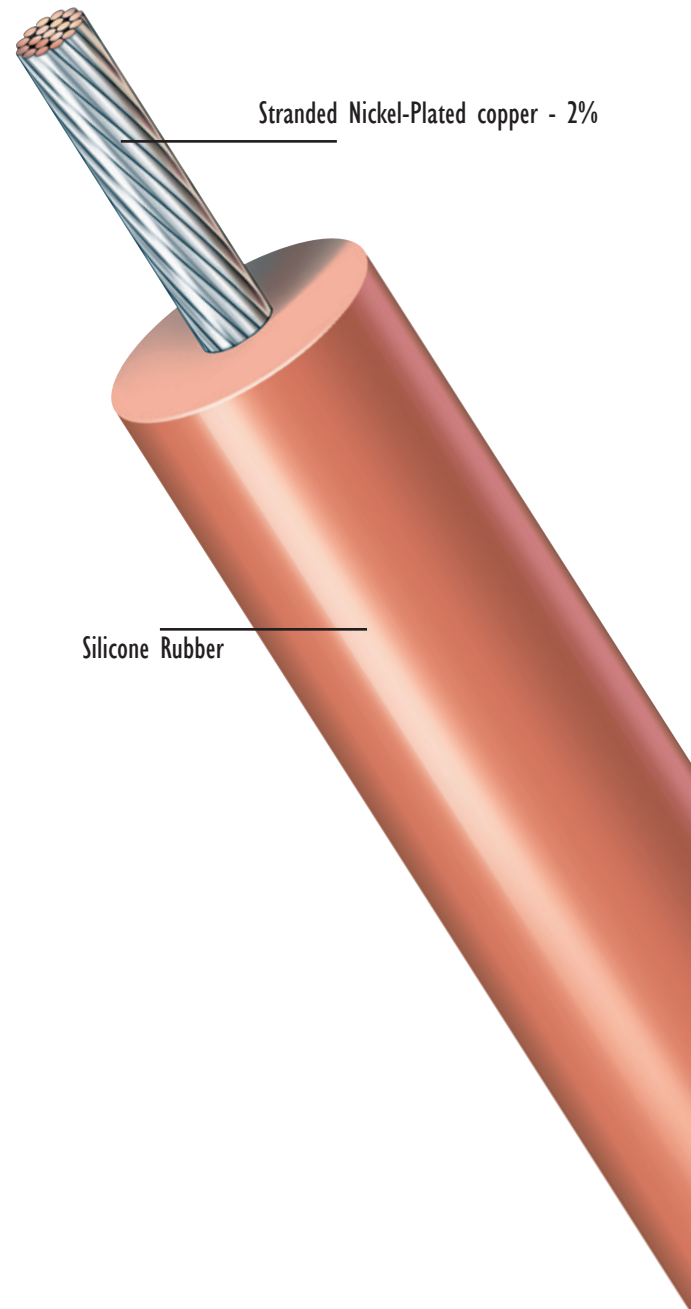
Extruded Silicone Rubber

Standard Color Coding

Available in Iron Oxide Red

CHARACTERISTICS

- Available with either 5/64" Standard or 7/64" corona resistant wall silicone rubber insulation.
- Silicone formulations suitable for UV, Ozone moisture exposure. Not suited for immersed applications.
- Suitable for applications to -60°C



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SPECIFICATIONS

SGI 250 HIGH-VOLTAGE LEAD WIRE

SGI 250-5/64 250C/10KVA C AND 250C/25KVDC

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt (lbs/Mft)	Wgt (kg/km)	Min. Bend Radius (in)	UL
EDA22P007	22	7	0.190	4.83	18	26.52	1.52	3257
EDA20P007	20	7	0.197	5.00	20	29.41	1.58	3257
EDA18P019	18	19	0.204	5.18	22	33.38	1.63	3257
EDA16P026	16	26	0.217	5.51	27	40.73	1.74	3257
EDA14P041	14	41	0.232	5.89	34	50.85	1.86	3257
EDA12P065	12	65	0.250	6.35	45	66.58	2.00	3257

SGI 250-7/64 250C/10KVA C AND 250C/25KVDC

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt (lbs/Mft)	Wgt (kg/km)	Min. Bend Radius (in)	UL
EEA22P007	22	7	0.254	6.45	30	45.26	2.03	3257
EEA20P007	20	7	0.261	6.63	33	48.70	2.09	3257
EEA18P019	18	19	0.268	6.81	36	53.26	2.14	3257
EEA16P026	16	26	0.281	7.14	41	61.69	2.25	3257
EEA14P041	14	41	0.296	7.52	49	73.09	2.37	3257
EEA12P065	12	65	0.314	7.98	61	90.40	2.51	3257

Standard conductor: Nickel Plated Copper - 2%

Consult factory for alternative conductor and stranding options.

All dimensions listed above are nominal
Compliance: UL Listed File No. E22244.

Information included in this catalog is intended as a guideline only. For applications that require tight tolerances, please contact the Radix factory for dimensional verification. Information herein is believed to be accurate as of publication date; however, if an error exists it is unintentional and Radix Wire & Cable is not responsible for any claim traceable to such error.

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