



Silicone Rubber Wire and Cable

Non-Shielded and Shielded

Silicone Rubber

Silicone rubber insulated high voltage wire and cable offers excellent dielectric strength and flexibility. Operation over a wide temperature range and ease of silastic bonding are other outstanding characteristics of silicone rubber cable. The cable is susceptible to pin-hole breakdown and cannot tolerate some dielectric/coolant fluids.

Corona Resistant Silicone Rubber cable

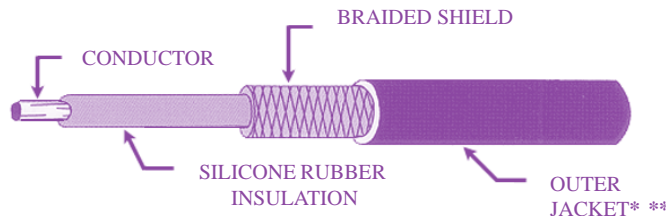
Corona resistant silicone rubber cable with a semiconductive layer is also available from Reynolds. The construction of this cable creates a voltage gradient around the conductor, which reduces corona that may be present in the airspace between the conductor and insulation. These cables, which have DC ratings up to 75 KVDC, do not appear in this catalog but can be found in Reynolds High Voltage Single Pin Connector Catalog. To receive a copy of this catalog, please contact a Reynolds Representative or Reynolds Sales/Contracts office.



Unshielded Silicone Rubber Wire Attributes

OPERATING VOLTAGE (KVDC)	CONDUCTOR		PLATING	CONDUCTOR	Ø OVER INSULATION	PART NUMBER
	AWG	STRANDS		Ø IN./MM	IN./MM	
10	20	19/32	SPC	.037/0.94	1.00/2.54	167-9634
13	20	19/32	SPC	.037/0.94	.125/3.17	167-8653
17	18	19/30	SPC	.049/1.25	.150/3.81	167-9193
17	18	19/30	SPC	.049/1.25	.165/4.19	178-9578
17	16	41/32	SPC	.060/1.52	.165/4.19	178-7200
20	16	19/29	SPC	.058/1.47	.180/4.57	167-9169
45	16	1929	SPC	.058/1.47	.280/1.14	167-9180

Color: White. Other colors available on special order. Ordering: Use Part Number and specify length in feet.



Shielded Silicone Rubber Cable Attributes

OPERATING VOLTAGE (KVDC)	CONDUCTOR		PLATING	CONDUCTOR	Ø OVER INSULATION	Ø OVER BRAID	Ø OVER OUTER JACKET	PART NUMBER
	AWG	STRANDS		Ø IN./MM	IN./MM	IN./MM	IN./MM	
22	18	19/30	SPC	.049/1.25	.150/3.81	4.57	6.35*	167-9596
22	16	41/32	SPC	.060/1.52	.165/4.19	5.00	7.77**	178-7201
50	16	19/29	SPC	.060/1.52	.280/7.11	7.72	8.64**	167-9470
50	16	41/32	SPC	.058/1.47	.280/7.11	7.72	8.64**	178-7221

*Silicone rubber jacket ** Fiberglass braided jacket Ordering: Use Part Number and specify length in feet.