

# Product Catalog



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Hookup Wire

Braided Stranded Copper Wire

Multiconductor

Tubing

### Coaxial Cable

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## Braidless Silicone Rubber

## TUFLEX™ HIGH-VOLTAGE SILICONE WIRE

### Standard

#### Putups:

- 100 ft.
- 500 ft.
- 1,000 ft.
- bulk.

Consult factory  
for availability  
of other colors.

### DESCRIPTION

- Conductors: Silver plated copper.
- Insulation: A specially formulated silicone based material.

### CHARACTERISTICS

- Temperature Range: 200C Max.
- Voltage Rating: See chart below.

### FEATURES & APPLICATIONS

- Superior flexibility. \*Excellent dielectric strength. \*Excellent abrasion resistance. \*Excellent resistance to radiation, corona, and ozone.

### APPROVALS

- Meets UL VW-1 requirements. Meets or exceeds MIL-W-16878 requirements for abrasion, chemical, corona, flame, fungus, moisture and ozone.

Part Number	AWG	Stranding	Nom. Dia. of Conductor in. mm	Nom. O.D. in. mm	DC Voltage
39X2205	22	7/30	.030 0.76	.070 1.78	5KV
39X2215	22	7/30	.030 0.76	.110 2.79	15KV
39X2220	22	7/30	.030 0.76	.130 3.30	20KV
39X2015	20	19/32	.037 0.94	.120 3.05	15KV
39X2020	20	19/32	.037 0.94	.150 3.81	20KV
Part Number	AWG	Stranding	Nom. Dia. of Conductor in. mm	Nom. O.D. in. mm	DC Voltage
39X2025	20	19/32	.037 0.94	.166 4.22	25KV
39X1825	18	19/30	.047 1.19	.160 4.06	25KV

	39X1620	16	19/29	.058	1.47	.161	4.09	20KV
	39X1635	16	19/29	.058	1.47	.265	6.73	35KV
	39X1645	16	19/29	.058	1.47	.300	7.62	45KV
	<b>Part Number</b>	<b>AWG</b>	<b>Stranding</b>	<b>Nom. Dia. of Conductor</b>		<b>Nom. O.D.</b>		<b>DC Voltage</b>
				<b>in.</b>	<b>mm</b>	<b>in.</b>	<b>mm</b>	
	39X1660	16	19/29	.058	1.47	.380	9.65	60KV
	39X1460	14	19/27	.073	1.85	.385	9.78	60KV
	39X1260	12	19/25	.093	2.36	.445	11.30	60KV

**Standard color: White. TuFlex(TM) is a trademark of Dearborn/CDT.**

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