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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.	DESCRIPTION ● Conductors: Silver plated copper. ● Insulation: A specially formulated silicone based material.				FEATURES & APPLICATIONS ● Superior flexibility. *Excellent dielectric strength. *Excellent abrasion resistance. *Excellent resistance to radiation, corona, and ozone.					
	CHARACTERISTICS ● Temperature Range: 200C Max. ● Voltage Rating: See chart below.				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	
Consult factory for availability of other colors.	□	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	
		Part Number	AWG	Stranding	Nom. Dia. of Conductor in. mm		Nom. O.D. in. mm		DC Voltage	
	□	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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