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Braidless Silicone Wire

HIGH-VOLTAGE HIGH-TEMPERATURE ELECTRONIC WIRE

*ABRASION RESISTANT SILICONE UL STYLE 3239

Standard Putups:

- 100ft.
- 500ft.
- 1000ft.
- bulk.

See color chart 8 in
Technical Section.
Consult factory for
availability of
other colors.

DESCRIPTION

- Conductors: Fully annealed tinned copper per ASTM B-33. Also available - nickel plated or pure nickel conductor.
- Insulation: Specially formulated abrasion resistant extruded silicone rubber.

CHARACTERISTICS

- Temperature: 150C.
- Voltage Rating: Excellent dielectric strength. See chart below.

FEATURES & APPLICATIONS

- Superior chemical resistance. *Corona radiation and ozone resistant.
- *Recommended for stoves, heaters, furnaces, dryers, motors, therapeutic devices, signs, lighting fixtures, power supplies, radar installations, Xenon flash tubes, and special electronic devices where high temperatures are incurred.

APPROVALS

- Recognized under the components program of Underwriters' Laboratories, Inc. UL Style 3239 (see chart below for UL recognized items), 150C.

Part Number	AWG	Stranding	Nom. Dia. of Conductor in.	Nom. Insulation Thickness in.	Nom. O.D. in.	DC Voltage	UL Style
392240	22	7/30	.030	.040	.114	10KV	3239
392245	22	7/30	.030	.045	.124	15KV	3239
392250	22	7/30	.030	.050	.134	20KV	3239
392262	22	7/30	.030	.062	.158	25KV	3239
392275	22	7/30	.030	.075	.185	30KV	3239
Part Number	AWG	Stranding	Nom. Dia. of Conductor in.	Nom. Insulation Thickness in.	Nom. O.D. in.	DC Voltage	UL Style
392297	22	7/30	.030	.097	.230	40KV	3239
392299	22	7/30	.030	.150	.330	50KV	None
392040	20	10/30	.038	.040	.120	10KV	3239
392045	20	10/30	.038	.045	.131	15KV	3239
392050	20	10/30	.038	.050	.140	20KV	3239
Part Number	AWG	Stranding	Nom. Dia. of Conductor in.	Nom. Insulation Thickness in.	Nom. O.D. in.	DC Voltage	UL Style
392062	20	10/30	.038	.062	.165	25KV	3239
392075	20	10/30	.038	.075	.191	30KV	3239
392097	20	10/30	.038	.097	.235	40KV	3239
392099	20	10/30	.038	.150	.338	50KV	None
391840	18	16/30	.047	.040	.131	10KV	3239
Part Number	AWG	Stranding	Nom. Dia. of Conductor in.	Nom. Insulation Thickness in.	Nom. O.D. in.	DC Voltage	UL Style
391845	18	16/30	.047	.045	.140	15KV	3239
391850	18	16/30	.047	.050	.146	20KV	3239
391862	18	16/30	.047	.062	.175	25KV	3239
391875	18	16/30	.047	.075	.200	30KV	3239
391897	18	16/30	.047	.097	.245	40KV	3239

	Part Number	AWG	Stranding	Nom. Dia. of Conductor in.	Nom. Insulation Thickness in.	Nom. O.D. in.	DC Voltage	UL Style
	391899	18	16/30	.047	.150	.350	50KV	None
	391640	16	26/30	.058	.040	.141	10KV	3239
	391645	16	26/30	.058	.045	.150	15KV	3239
	391650	16	26/30	.058	.050	.161	20KV	3239
	391662	16	26/30	.058	.062	.185	25KV	3239
	Part Number	AWG	Stranding	Nom. Dia. of Conductor in.	Nom. Insulation Thickness in.	Nom. O.D. in.	DC Voltage	UL Style
	391675	16	26/30	.058	.075	.212	30KV	3239
	391697	16	26/30	.058	.097	.255	40KV	3239
	391699	16	26/30	.058	.150	.376	50KV	None
	391440	14	41/30	.074	.040	.155	10KV	3239
	391445	14	41/30	.074	.045	.165	15KV	3239
	Part Number	AWG	Stranding	Nom. Dia. of Conductor in.	Nom. Insulation Thickness in.	Nom. O.D. in.	DC Voltage	UL Style
	391450	14	41/30	.074	.050	.175	20KV	3239
	391462	14	41/30	.074	.062	.204	25KV	3239
	391475	14	41/30	.074	.075	.225	30KV	3239
	391497	14	41/30	.074	.097	.272	40KV	3239
	391499	14	41/30	.074	.150	.380	50KV	None
	Part Number	AWG	Stranding	Nom. Dia. of Conductor in.	Nom. Insulation Thickness in.	Nom. O.D. in.	DC Voltage	UL Style
	391240	12	65/30	.092	.040	.170	10KV	3239
	391245	12	65/30	.092	.045	.184	15KV	3239
	391250	12	65/30	.092	.050	.196	20KV	3239
	391262	12	65/30	.092	.062	.218	25KV	3239
	391275	12	65/30	.092	.075	.246	30KV	3239
	Part Number	AWG	Stranding	Nom. Dia. of Conductor in.	Nom. Insulation Thickness in.	Nom. O.D. in.	DC Voltage	UL Style
	391297	12	65/30	.092	.097	.289	40KV	3239
	391299	12	65/30	.092	.150	.396	50KV	None
	391040	10	105/30	.112	.040	.200	10KV	3239
	391045	10	105/30	.112	.045	.206	15KV	3239
	391050	10	105/30	.112	.050	.220	20KV	3239
	Part Number	AWG	Stranding	Nom. Dia. of Conductor in.	Nom. Insulation Thickness in.	Nom. O.D. in.	DC Voltage	UL Style
	391062	10	105/30	.112	.062	.244	25KV	3239
	391075	10	105/30	.112	.075	.270	30KV	3239
	391097	10	105/30	.112	.097	.312	40KV	3239
	391099	10	105/30	.112	.150	.420	50KV	None
	390845	8	133/29	.166	.045	.256	15KV	None
	Part Number	AWG	Stranding	Nom. Dia. of Conductor in.	Nom. Insulation Thickness in.	Nom. O.D. in.	DC Voltage	UL Style
	390862	8	133/29	.166	.062	.290	25KV	None
	390897	8	133/29	.166	.097	.360	40KV	None
	390645	6	133/27	.210	.045	.300	15KV	None
	390662	6	133/27	.210	.062	.340	25KV	None
	390462	4	133/25	.268	.062	.392	25KV	None

	Part Number	AWG	Stranding	Nom. Dia. of Conductor in.	Nom. Insulation Thickness in.	Nom. O.D. in.	DC Voltage	UL Style
	390262	2	259/26	.336	.062	.460	25KV	None

50KV ratings are theoretical. 200C constructions available upon request. Standard color: White.

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