




UL3239

	<p>Rowe Industries High Voltage, High Temperature Braidless Silicone Rubber Insulated Leadwire has excellent physical, mechanical, and electrical properties. This easy to strip, flame retardant (VW-1), high dielectric strength wire is resistant to radiation, ozone, moisture and most chemicals. High Voltage Leadwire is very flexible and remains so even at low temperatures, Rowe High Voltage Leadwire is constructed of a single conductor stranded tin coated copper wire insulated with high quality silicone rubber compounds. The conductors are available in sizes from #24 AWG to #10 AWG inclusive, and are available in various stranding configurations. High Voltage Wire can meet temperature ratings of 150°C - 200°C and voltage ratings of 5-50KVDC.</p>
---	--

Uses

Rowe Industries High Voltage Leadwire is recommended for use in stoves, heaters, furnaces, dryers, motors, therapeutic devices, televisions, signs, lighting fixtures and special electronic devices where high temperatures and/or high voltages are incurred.

Specifications

Rowe Industries High Voltage Silicone Leadwires are recognized under the components program of Underwriters' Laboratories under UL Style 3239. They are rated at 150°C - 200°C and voltage ratings of 5-50KVDC.

Packaging

High Voltage wires are not stock items and OD's vary significantly. Consult factory on packaging for the size and diameter you require.

Colors

Standard color is white. Other colors available subject to minimum order quantities. Consult factory.

DISTRIBUTED BY:



www.lapptannehill.com • 800.633.6339

AWG	CONDUCTOR			NOMINAL FINISHED DIAMETER			
	No of Strands	Strand Size	Nom. Con. Dia.	10 KVDC .035 Wall	20 KVDC .045 Wall	30 KVDC .055 Wall	40 KVDC .090 Wall
24	7	32	.024	.099	.117	.137	.208
22	7	30	.030	.109	.123	.143	.215
20	10	30	.038	.112	.130	.150	.227
18	16	30	.049	.122	.141	.161	.232
16	26	30	.062	.137	.155	.175	.246
14	41	30	.077	.150	.168	.188	.260
12	65	30	.095	.170	.188	.210	.280
10	65	28	.119	.195	.215	.235	.305

- Non UL grades with similar performance characteristics are available for general high voltage uses.
- Other Sizes, Strandings and Platings (non-UL) available upon request subject to minimum order quantities.
- Other UL and non-UL voltage ratings available upon request subject to minimum order quantities. (Ex. 15, 25, 35 KVDC). Consult factory.

DISTRIBUTED BY:



www.lapptannehill.com • 800.633.6339