



R790 HIGH VOLTAGE SILICONE LEAD WIRE



Rowe's R790 "Super Tough" High Voltage Silicone Lead Wire uses Rowe silicone compound R790. This compound was specially developed for high abrasion resistant requirements and also exhibits excellent dielectric capabilities in extreme environments.

FEATURES:

- "Super Tough" Insulation
- 5 thru 60 KVDC Voltage Rating
- Can be Autoclaved
- 12 thru 22 AWG Conductors
- -40°C thru 200°C Temperature Rating
- High Flexibility
- Flame Retardant



Rowe's R790 "Super Tough" High Voltage Silicone Lead Wire has been used in military, space, and industrial areas where high abrasion resistance, high voltage, and flexibility are major requirements.

SPECIFICATIONS:

Wire Construction	Standard-Silver Plated Copper
Insulation	Rowe R790 Silicone Compound (Standard Color White)
Temperature Rating*	Silver Plated Copper Conductor 200°C Max.
	Tin Plated Copper Conductor 150°C Max.
Voltage Rating	Maximum DC voltage rating in air

*When ordering tin plated stranding, add "/TPC to Part Number (ie: R790-2022/TPC). Minimum order required.



ROWE CAT PART NO.	AWG SIZE	STRANDING CONSTRUCTION	NOM. O.D. (INCHES/MM)	MAX VOLTAGE RATING IN KVDC
R790-0522	22	7/30	.070 / 1.78	5
R790-1522	22	19/34	.110 / 2.79	15
R790-2022	22	7/30	.130 / 3.30	20
R790-2522	22	19/34	.160 / 4.06	25
R790-1520	20	19/32	.120 / 3.05	15
R790-2020	20	19/32	.150 / 3.81	20
R790-2520	20	19/32	.166 / 4.22	25
R790-3020	20	19/32	.190 / 4.83	30
R790-2518	18	19/30	.160 / 4.06	25
R790-4518	18	19/30	.295 / 7.49	45
R790-2016	16	41/32	.161 / 4.09	20
R790-3516	16	41/32	.265 / 6.73	35
R790-4516	16	19/29	.300 / 7.62	45
R790-6016	16	26/30	.380 / 9.65	60
R790-3014	14	19/27	.256 / 6.50	30
R790-6014	14	19/27	.385 / 9.78	60
R790-2012	12	19/25	.205 / 5.21	20
R790-3012	12	19/25	.275 / 6.98	30
R790-4012	12	19/25	.335 / 8.51	40
R790-5012	12	19/25	.414 / 10.52	50
R790-6012	12	19/25	.445 / 11.30	60