

R800-05-10-9

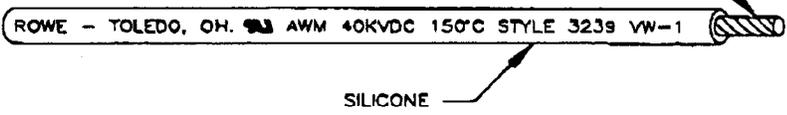
R800-05-18-9

"U.L. 3239" STYLE HIGH VOLTAGE SILICONE LEAD WIRE

FEATURES

- Silicone Insulation
- 5 KVDC thru 50 KVDC Voltage Ratings
- Can Be Autoclaved
- 10 thru 22 AWG Conductor
- -40°C thru 150°C Max. Temperature Rating
- High Flexibility
- Excellent Ozone & Corona Resistance
- Radiation Resistant
- Flame Retardant (Meets U.L. VW-1 Requirements)

TECHNICAL DATA



DESCRIPTION:

Rowe's "U.L. 3239" Style High Voltage Silicone Lead Wire uses Rowe compound R800. This compound was especially developed for high abrasion resistance requirements and also exhibits excellent dielectric capability in extreme environments. The constructions listed below are available with U.L. labels indicating their listing as recognized appliance wiring materials by Underwriters Laboratories, U.L. file #E61355.

APPLICATIONS:

Rowe's "U.L. 3239" Style High Voltage Silicone Lead Wire has been used in power supplies, electronic equipment, etc... where high abrasion resistance, high voltage, flame resistance, and flexibility are major requirements.

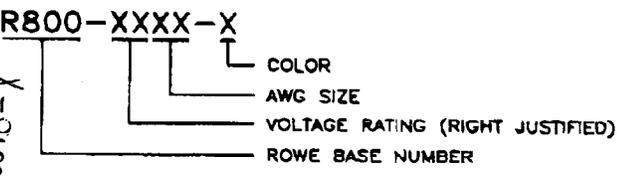
SPECIFICATIONS:

Wire Construction	See Table Below
Conductor	Tin-Plated Copper Stranding
Insulation	Rowe R800 Silicone Compound (Standard Color White)
Temperature Rating	-40°C thru 150°C Max.
Voltage Ratings	At ambient conditions with the wire lying on a ground plane
Wire Marking	Per U.L. 3239 Requirements

100 ft Mils
 Newark 320-81
 359/100
 R800-0518-9

CONDUCTOR INFORMATION			NOM. FINISHED O.D. PER VOLTAGE RATING IN KVDC									
AWG SIZE	STRANDING CONSTRUCTION	COND. NOM. O.D.	5	10	15	20	25	30	35	40	45	50
22	7/30	.032	.092	.112	.122	.145	.175	.215	.242	.272	.312	.352
20	10/30	.038	.098	.118	.128	.150	.182	.220	.248	.278	.318	.358
18	16/30	.050	.110	.130	.140	.160	.195	.230	.260	.290	.330	.370
16	26/30	.056	.116	.136	.146	.165	.200	.240	.266	.300	.336	.376
14	41/30	.072	.132	.152	.162	.182	.216	.255	.282	.315	.352	.392
12	65/30	.090	.150	.170	.180	.200	.234	.270	.300	.335	.370	.415
10	105/30	.115	.175	.195	.205	.225	.259	.295	.325	.360	.395	.440

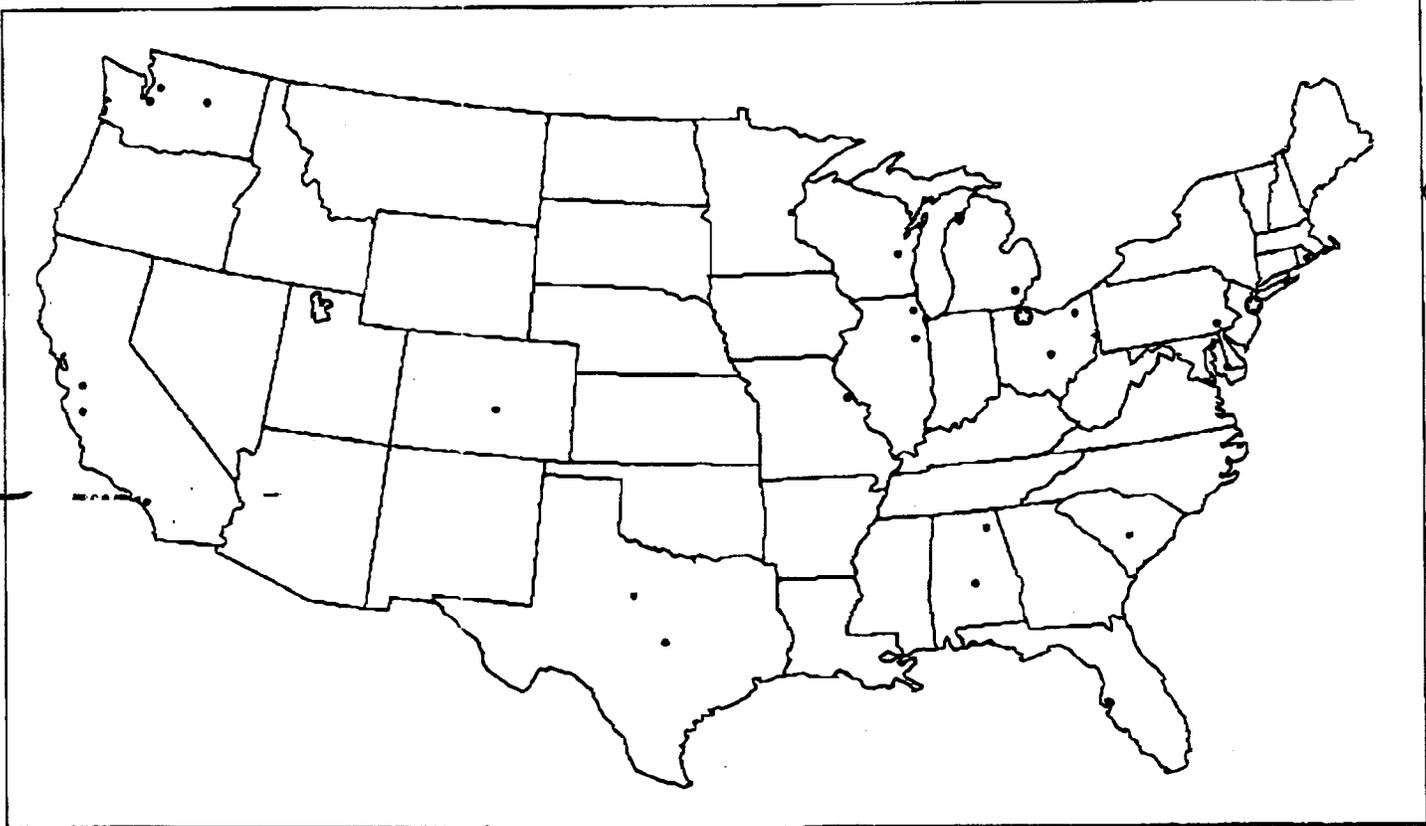
ORDERING INFORMATION



COLORS			
CAT. No	COLOR	CAT. No	COLOR
0	Black	5	Green
1	Brown	6	Blue
2	Red	7	Violet
3	Orange	8	Gray
4	Yellow	9	White

SUPERIOR DELIVERY AND QUALITY

ROWE OFFICES



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● Toledo, Ohio	● Westfield, NJ

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