

UL3239 wire specification? UL3239 is the most common type of silicone high-voltage wire, which refers to the high-voltage-resistant wire with high-voltage resistant silicone rubber material as the insulating layer. UL3239 silicone high-voltage cable not only has high pressure resistance, but also has excellent performance in high temperature and low temperature resistance. Silicone high-voltage cables are widely used in high-temperature environments such as LCD TV high-voltage lines, household appliances, lighting fixtures, aviation fields, and electric heating products.

[UL3239 Silicone High Voltage Wire](#) characteristic

The rated temperature of UL3239 silicone wire is relatively high, which can basically reach 150°C ~300°C, and the rated voltage can reach about 3KV-200KV. Silicone rubber is used as the insulating material, and the insulation thickness is uniform, which is convenient for peeling and cutting;

- ◆ Standard: UL758, UL1581
- ◆ The conductor uses 28-10AWG single or stranded bare copper or tinned copper wire
- ◆ Silicone rubber insulation
- ◆ Uniform insulation thickness, convenient for peeling and cutting
- ◆ Pass FT2 horizontal combustion test application: used for internal connection lines of electronic and electrical equipment, such as motors.

UL3239	Out Diameter(mm)	Conductor Structure	Voltage (V)	Temp(°C)
30AWG	1.00	7/0.10TS	3000	200
28AWG	1.37	7/0.12TS		
26AWG	1.50	7/0.15TS		
24AWG	1.60	11/0.16TS		
22AWG	1.76	12/0.18TS		
20AWG	1.90	20/0.18TS		
18AWG	2.17	30/0.18TS		
16AWG	2.50	50/0.18TS		
14AWG	2.90	40/0.25TS		
12AWG	3.50	65/0.25TS		
10AWG	4.50	105/0.25TS		
8AWG	5.50	165/0.25TS		