

## Silicone Rubber Wire 200°C 300V

### Product Description

- Solid or stranded copper conductor, 26-16 AWG.
- Silicone rubber insulation and fiberglass braid jacket.
- Rated temperature: 200°C; voltage: 300Volts
- Passed horizontal flame test.
- Provide to super flexibility, resistant to 200°C high temperatures, -50°C Cold environment temperature etc.

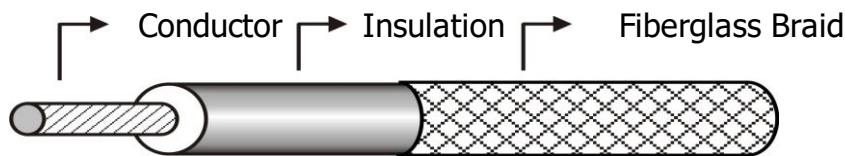
### Technical Specification

- Insulation Potential Strength: 2000 VAC/min
- UL Rated temperature: 200°C.
- Rated Voltage: 300 Volts.
- Dimension Tolerance:  $\pm 0.10$  mm.

### Applications

- For Lights, electric heaters, electric heat-water bottled household electric service, high Temperature appliances, transfers etc.

### Structure & electrical properties



UL3122 CSA TYPE	Conductor		Insulation Thickness (mm)	Overall Diameter (mm)	Braid Thickness (mm)	Overall Diameter (mm)	Maximum Conductor Resistance ( $\Omega$ /km)	Permissible Current (A)		
	AWG	No./mm								
Stranded	26	7/0.160	0.48	1.38	0.15	1.68 $\pm$ 0.20	152.0	7		
	24	11/0.160		1.54		1.85 $\pm$ 0.20	88.60	10		
	22	17/0.160		1.68		2.00 $\pm$ 0.20	62.50	13		
	20	21/0.180		1.85		2.15 $\pm$ 0.20	39.50	17		
	18	34/0.180		2.10		2.35 $\pm$ 0.20	24.40	24		
	16	26/0.254		2.40		2.70 $\pm$ 0.20	15.60	32		
Top-Coated (ATC)	26	7/0.160		0.48		1.38	0.15	1.68 $\pm$ 0.20	152.0	7
	24	7/0.200				1.54		1.85 $\pm$ 0.20	88.60	10
	22	7/0.254				1.68		2.00 $\pm$ 0.20	62.50	13
	20	7/0.320				1.85		2.15 $\pm$ 0.20	39.50	17
	18	7/0.400				2.10		2.35 $\pm$ 0.20	24.4	24
	16	7/0.500				2.40		2.70 $\pm$ 0.20	15.6	32
Solid (TA)	26	1/0.404	0.48		1.30	0.15		1.60 $\pm$ 0.20	155	7
	24	1/0.511			1.50			1.80 $\pm$ 0.20	92.4	10
	22	1/0.643			1.65			1.95 $\pm$ 0.20	60.1	13
	20	1/0.813			1.80			2.10 $\pm$ 0.20	37.0	17
	18	1/1.020			2.06			2.35 $\pm$ 0.20	23.6	24
	16	1/1.290			2.25			2.55 $\pm$ 0.20	15.0	32