

## Teflon Wire 250°C 600V

### Product Description

- Solid or stranded, silver-plated or gold-plated copper conductor, 30-10AWG.
- PFA Insulation.
- Rated temperature:250°C; Rated voltage: 600V.
- Resistant to heat 250°C, cold -80°C, abrasion, chemical solvent resistance, cut-through resistance, Oil resistance etc.
- Passes UL VW-1 Vertical Flame Test.

### Technical Specification

- Insulation Potential Strength: 2000 VAC/min
- UL Rated temperature: 250°C.
- Rated Voltage: 600 Volts.
- Dimension Tolerance:  $\pm 0.10$  mm.

### Applications

- Suitable for fixed internal wires of household appliance, headlamp, mechanical and electrical machine, etc.

### Structure & electrical properties



UL 10362	Conductor		Insulation	Overall Diameter (mm)	Maximum Conductor Resistance ( $\Omega$ /km)	Permitable Current (A)
	AWG	No./mm	Thickness (mm)			
Stranded	30	7/0.100	0.25	0.85	397	4
	28	7/0.127		0.90	248	6
	26	7/0.160		1.00	152	7
	24	7/0.200		1.15	88.6	10
	22	7/0.254		1.30	62.5	13
	20	7/0.320		1.50	39.5	17
	18	7/0.400		1.75	24.4	24
	16	7/0.500		2.10	15.6	32
	14	19/0.370		2.50	9.90	45
Solid (TA)	30	1/0.254	0.25	0.75	377	4
	28	1/0.320		0.85	232.1	6
	26	1/0.404		0.95	155	7
	24	1/0.500		1.00	92.4	10
	22	1/0.643		1.15	60.1	13
	20	1/0.813		1.30	37.0	17