

## Teflon Wire 105°C

### Product Description

- Tinned, bared, stranded or Solid copper Conductor, 36-16 AWG.
- ETFE Insulation.
- Rated temperature:105°C; Rated voltage: Not specified.
- Resistant to heat 105°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: 105°C.
- Rated Voltage: No regulations.

### Applications

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

### Structure & electrical properties



UL 1213	Conductor		Insulation	Overall Diameter (mm)	Tolerance (mm)	Maximum Conductor Resistance (Ω/km)	Permissible Current (A)
	AWG	No./mm	Thickness (mm)				
Stranded	36	7/0.050	0.20	0.55	±0.05	1350	0.6
	34	7/0.060		0.60		728.5	1.0
	32	7/0.080		0.65		703	1.8
	30	7/0.100		0.70		397	3
	28	7/0.127		0.80		248	4
	26	7/0.160		0.90		152	5
	24	7/0.200		1.00	±0.10	88.6	7
	22	7/0.254		1.20		62.5	10
	20	7/0.320		1.40		39.5	13
	18	7/0.400		1.65		24.4	18
Solid (TA)	34	1/0.160	0.20	0.55	±0.05	857	1.0
	32	1/0.200		0.60		575	1.8
	30	1/0.254		0.65		377	3
	28	1/0.320		0.75		232.1	4
	26	1/0.404		0.80		155	5
	24	1/0.500		0.90	92.4	7	
	22	1/0.643		1.05	±0.10	60.1	10
	20	1/0.813		1.25		37.0	13
	18	1/1.020		1.45		21.8	18