

Teflon Wire 150°C

Product Description

- Tinned, bared, stranded or Solid copper Conductor, 36-20 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: 500 VAC/min
- UL Rated temperature: 105°C.
- Rated Voltage: No regulations.
- Dimension Tolerance: ± 0.05 mm.

Applications

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

Structure & electrical properties



UL 1516	Conductor		Insulation	Overall Diameter (mm)	Maximum Conductor Resistance (Ω/km)	Permitable Current (A)
	AWG	No./mm	Thickness (mm)			
Stranded	36	7/0.050	0.10	0.40	1350	0.6
	34	7/0.060		0.45	728.5	1.0
	32	7/0.080		0.50	703	1.8
	30	7/0.100		0.55	397	3
	28	7/0.127		0.65	248	4
	26	7/0.160		0.75	152	5
	24	7/0.200		0.85	88.6	7
	22	7/0.254		1.05	62.5	10
Solid (TA)	20	7/0.320		1.20	39.5	13
	34	1/0.160		0.42	857	1.0
	32	1/0.200		0.46	575	1.8
	30	1/0.254		0.51	377	3
	28	1/0.320		0.58	232.1	4
	26	1/0.404		0.66	155	5
	24	1/0.500		0.77	92.4	7
	22	1/0.643	0.90	60.1	10	
	20	1/0.813	1.07	37.0	13	