

Teflon Wire 200°C 300V

Product Description

- Tinned, bared, stranded or Solid copper conductor, 30-10 AWG.
- FEP Insulation.
- Rated temperature: 200°C; Rated voltage: 300V.
- Resistant to heat 200°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: 200°C.
- Rated Voltage: 300 Volts.

Applications

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

Structure & electrical properties



UL 1332	Conductor		Insulation	Overall Diameter (mm)	Tolerance (mm)	Maximum Conductor Resistance (Ω/km)	Permissible Current (A)
	AWG	No./mm	Thickness (mm)				
Stranded	30	7/0.100	0.33	1.00	±0.10	397	4
	28	7/0.127		1.05		248	6
	26	7/0.160		1.15		152	7
	24	7/0.200		1.30		88.6	10
	22	7/0.254		1.45		62.5	13
	20	7/0.320		1.65		39.5	17
	18	7/0.400		1.90		24.4	24
	16	7/0.500		2.30	15.6	32	
	14	19/0.370		2.65	9.90	45	
	12	19/0.480		3.40	6.24	55	
	10	19/0.600	4.10	±0.20	4.15	75	
Solid (TA)	30	1/0.254	0.33	0.95	±0.10	377	4
	28	1/0.320		1.00		232.1	6
	26	1/0.404		1.10		155	7
	24	1/0.500		1.20		92.4	10
	22	1/0.643		1.30		60.1	13
	20	1/0.813		1.50		37.0	17