

Teflon Wire 200°C 600V

Product Description

- Solid, stranded, silver- plated or gold- plated copper Conductor,30-10 AWG.
- FEP Insulation.
- Rated temperature:200°C; Rated voltage: 600V.
- 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: 600 Volts.

Applications

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

Structure & electrical properties



UL 1330	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	0.51	1.35	±0.10	397	4
	28	7/0.127		1.45		248	6
	26	7/0.160		1.55		152	7
	24	7/0.200		1.70		88.6	10
	22	7/0.254		1.90		62.5	13
	20	7/0.320		2.05		39.5	17
	18	7/0.400		2.35	24.4	24	
	16	7/0.500		2.60	15.6	32	
	14	19/0.370		3.00	9.90	45	
	12	19/0.480		3.50	6.24	55	
	10	37/0.450		4.10	4.15	75	
Solid (TA)	30	1/0.254	0.51	1.35	±0.10	377	4
	28	1/0.320		1.45		232.1	6
	26	1/0.404		1.50		155	7
	24	1/0.500		1.60		92.4	10
	22	1/0.643		1.80		60.1	13
	20	1/0.813		1.95		37.0	17