

Teflon Wire 105°C 30V

Product Description

- Tinned, bared, stranded or Solid copper conductor,40-10 AWG.
- FEP Insulation.
- Rated temperature:105°C; Rated voltage: 30V.
- 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.

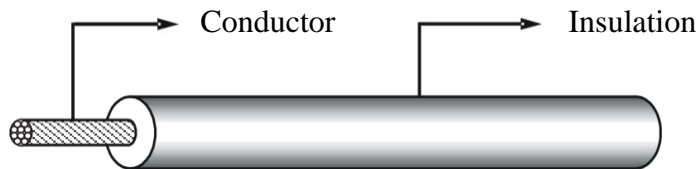
Technical Specification

- Insulation Potential Strength: 500 VAC/min
- UL Rated temperature: 105°C.
- Rated Voltage: 30 Volts.

Applications

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

Structure & electrical properties



UL 10064	Conductor		Insulation	Overall Diameter (mm)	Tolerance (mm)	Maximum Conductor Resistance (Ω/km)	Permittable Current (A)
	AWG	No./mm	Thickness (mm)				
Stranded	36	7/0.050	0.15	0.45	±0.05	1350	0.6
	34	7/0.060		0.50		728.5	1.0
	32	7/0.080		0.55		703	1.8
	30	7/0.100		0.60		397	3
	28	7/0.127		0.70		248	4
	26	7/0.160		0.80		152	5
	24	7/0.200		0.90		88.6	7
	22	7/0.254		1.10	62.5	10	
	20	7/0.320		1.30	39.5	±0.10	13
	18	7/0.400		1.55	24.4		18
Solid (TA)	34	1/0.160	0.15	0.50	±0.05	857	1.0
	32	1/0.200		0.55		575	1.8
	30	1/0.254		0.60		377	3
	28	1/0.320		0.65		232.1	4
	26	1/0.404		0.75		155	5
	24	1/0.500		0.85		92.4	7
	22	1/0.643		1.00		60.1	10
	20	1/0.813		1.15		37.0	13
18	1/1.020	1.35	21.8	±0.10	18		