

Insulated Polyethylene Wire 105°C 600V

Product Description

- Solid or stranded copper Conductor, 32-4AWG.
- Rated temperature: 105°C; voltage:600Volts
- Non-PVC Insulation (XL-PE). Passed UL VW-1 Vertical flame test.
- Halogen free XL-PE insulation.

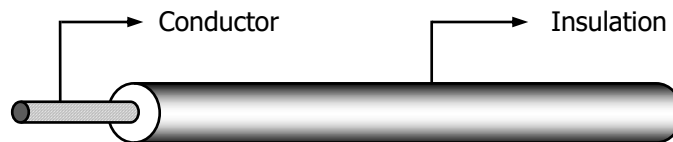
Technical Specification

- Insulation Potential Strength: 2000 VAC/min
- UL Rated temperature: 105°C.
- Rated Voltage: 600 Volts.

Applications

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

Structure & electrical properties



UL 3386	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	0.76	1.85	±0.10	397	3
	28	7/0.127		1.90		248	4
	26	7/0.160		2.10		152.0	5
	24	11/0.160		2.20		88.60	7
	22	17/0.160		2.40		62.50	10
	20	21/0.180		2.60		39.50	13
	18	34/0.180		2.80	24.40	18	
	16	26/0.254		3.10	15.60	24	
	14	41/0.254		3.50	9.90	33	
	12	65/0.254		4.10	6.24	45	
10	105/0.254	4.80	4.15	58			
Solid (TA)	30	1/0.254		1.80	±0.10	377	3
	28	1/0.320		1.85		232.0	4
	26	1/0.404		1.95		155.0	5
	24	1/0.500		2.15		92.4	7
	22	1/0.643		2.30		60.1	10
	20	1/0.813		2.45		37.0	13