

**CHARACTER:**

**1. Physical performance**

- a、 Good mechanical properties
- b、 Good resistance to high temperature, low temperature resistance
- c、 Good flame retardancy
- d、 Good corrosion resistance
- e、 Good resistance to climate
- f、 Good lubricity (small friction coefficient)
- g、 Excellent resistance to radiation
- h、 Good resistance to twists
- i、 Good resistance to cracking

**2. Electrical Properties**

- a、 Electrical insulation good
- b、 Has the very high resistivity

**3. Processing properties**

- a、 Use half extrusion processing
- b、 Good wire processing performance
- c、 In the process of wire processing good compatibility
- d、 According to UL standard design

**4. Environmental protection**

- a、 ROHS/REACH compliant
- b、 nonhazardous

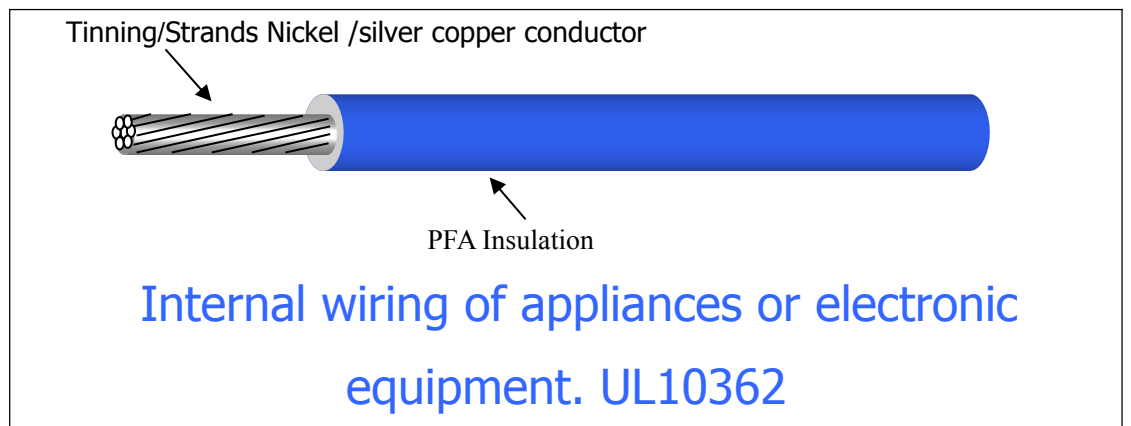
**SHOULD BE USED:**

Internal wiring of appliances or electronic equipment.

**REFERENCE:**

UL758-2010、 UL1581-2009

**Outline:**



**Wire structure description:**  
 Conductor: Tinning/ Nickel /silver copper conductor;  
 Insulation materials: PFA Insulation

Conductor temperature not over 250°C PFA insulated wire  
 Rated temperature: 250°C rated voltage: 600V

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20°C (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Mon	Tol
10362	8	168/0.254	2.23	3.80	0.76	0.69	5.32	±0.15
	10	37/0.42	3.54	2.94	0.30	0.20	3.54	±0.15
	12	37/0.374	5.64	2.62	0.30	0.20	3.22	±0.10
	14	19/0.361	8.96	1.85	0.30	0.20	2.45	±0.10
	16	19/0.287	14.60	1.50	0.25	0.20	2.00	±0.10
	18	19/0.235	23.20	1.18	0.25	0.20	1.67	±0.10
	20	19/0.19	36.70	0.95	0.25	0.20	1.46	±0.10
	22	19/0.15	59.40	0.76	0.25	0.20	1.25	±0.10
	24	7/0.20	94.20	0.61	0.25	0.20	1.10	±0.10
	24	19/0.12	94.20	0.60	0.25	0.20	1.10	±0.10
	26	7/0.16	150.00	0.48	0.25	0.20	0.98	±0.10
	28	1/0.32	227.00	0.32	0.25	0.20	0.82	±0.10
	28	7/0.127	239.0	0.38	0.25	0.20	0.88	±0.10
	30	1/0.254	361.00	0.254	0.25	0.20	0.76	±0.10
30	7/0.10	361.00	0.31	0.25	0.20	0.81	±0.10	

**Marking:** E211048 AWM STYLE 10362 NO.AWG 250°C 600V VW-1 PFA QIFURUI-LF-

**SAE COLOR SERIES**

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

**PACKAGE**

*PACKAGE				
Part No.	Packing- FT/roll			3F
10AWG	■ 500Ft	□ 1000Ft	□ 2000Ft	
12~20AWG	□ 500Ft	■ 1000Ft	□ 2000Ft	
22-30AWG	□ 500Ft	□ 1000Ft	■ 2000Ft	

According to customer requirements for packaging packaging