

Characteristic:

1.Physical properties

a、excellent mechanical properties:

Tensile strength≥20.7MPa, elongation at break≥200%

After aging:

Condition: 260±1.0℃/ 96H

Tensile strength residual rate≥85%, elongation at break≥85%

b、Flame retardancy: VW-1, vertical combustion, burning 5 times, each time 15S, any residual flame is not more than 60S.

c、Low temperature bending: -10℃±2℃/4H, no crack on the surface of the sample is qualified

2. Electrical performance

a、rated temperature: 60℃ rated voltage: 30V

b、Spark test: When passing through the test electrode, no breakdown occurs. Spark test voltage is 1500V

c、dielectric withstand voltage: 500V , 60 seconds without breakdown

3. Processing performance

a、suitable for all conventional wire harness processing

b、If you have special needs, please let us know.

4. Environmental protection

a、in line with ROHS/REACH

application:

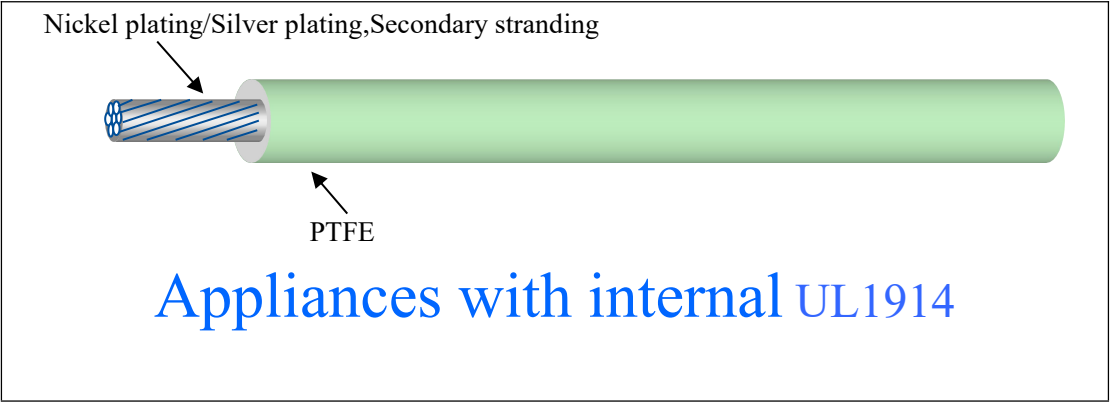
Appliances with internal

Guideline:

UL758-2014、UL1581-2009

Overview:

Install electric wires inside to prevent sharp bends under impact and high temperature



Structure description:

Conductor structure: Nickel plating/Silver plating, Secondary stranding

Insulation material:PTFE

Conductor temperature not over 60℃ PTFE insulated wire								
rated temperature: 60℃ rated voltage: 30V								
STYLE	stand ard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
1914	10	37/0.42	3.54	2.95	0.30	0.21	3.55	±0.15
	12	37/0.374	5.64	2.63	0.30	0.21	3.23	±0.15
	14	19/0.361	8.96	1.82	0.25	0.21	2.32	±0.15
	16	19/0.287	14.60	1.44	0.25	0.21	1.94	±0.10
	18	19/0.235	23.20	1.18	0.25	0.21	1.68	±0.10
	20	19/0.19	36.70	0.96	0.25	0.21	1.46	±0.10
	22	19/0.15	59.40	0.76	0.25	0.21	1.26	±0.10
	24	7/0.20	94.20	0.61	0.25	0.21	1.11	±0.10
	26	7/0.16	150.00	0.50	0.25	0.21	1.00	±0.10
	26	19/0.10	150.00	0.50	0.25	0.21	1.00	±0.10
	28	7/0.127	239.00	0.38	0.25	0.21	0.88	±0.10
	30	7/0.10	381.00	0.31	0.25	0.21	0.81	±0.10

Sign:

1、Printing: E211048  AWM STYLE 1914 NO. AWG 60℃ 30V VW-1 PTFE QIFURUI -LF-

2、Label identification: manufacturer, model, specification, rated temperature resistance,rated withstand voltage, insulation material, color, package length,Production Date

PACKAGE

*PACKAGE				
Part No.	Packing- FT/roll			
10AWG	■ 500Ft	□ 1000Ft	□ 2000Ft	
12~20AWG	□ 500Ft	■ 1000Ft	□ 2000Ft	
22-30AWG	□ 500Ft	□ 1000Ft	■ 2000Ft	
According to customer requirements for packaging packaging				

SAE COLOR SERIES

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

