



China Sanew Cable Co., Ltd.

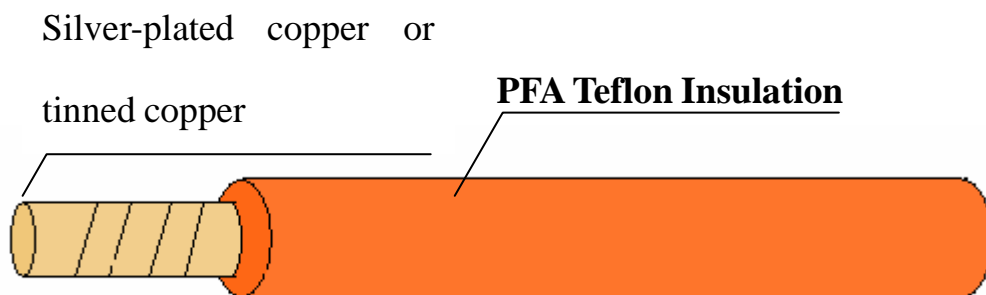
UL1709 High Temperature PFA Insulated Wire

Product Features

UL1709 High Temperature PFA Insulated Wire is resistant to acids, alkalis, oils, flame retardant, fire, and low smoke, no halogen. And the conductor is solid or stranded silver-plated copper or tinned copper conductor, 10 ~ 36 AWG. The insulation is color-coded PFA which has standard thickness, and is easy stripping and cutting.

The applications

UL1709 High Temperature PFA Insulated Wire is widely applied in aviation; metallurgy and petroleum industry as well as applied in other products such as: electronic instrument & device, electrical appliance, leads for transformer & electrical motor.



TECHNICAL DATA:

Conductor:

Silver-plated Copper or Tinned copper

Insulation:

PFA

Temperature Rating:

-80°C to +200°C

Operating Voltage:

300V

Conductor stranding:

Please look the next page.

Color Code

According to clients

Approvals:

According to VDE, UL



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UL1709 High Temperature PFA Insulated Wire

Size AWG	Conductor		Insulation		Maximum Resistance at 20°CΩ/km	Current 170°C-AMR
	Conductor Stranding No./mm	Conductor Dia. (mm)	Nominal Thick (mm)	Nominal Dia. (mm)		
36	1/0.14 7/0.05	0.14	0.20	0.50±0.05	997	0.3
34	1/0.16 7/0.06	0.16 0.18	0.20	0.52±0.08	758	0.4
32	1/0.20 7/0.08	0.20 0.24	0.20	0.55±0.08	586	0.6
30	1/0.254 7/0.10	0.25 0.30	0.20	0.60±0.08	408	0.8
28	1/0.32 7/0.12	0.32 0.39	0.25	0.82±0.08 0.85±0.08	232 223	1.0
26	1/0.40 7/0.16	0.40 0.45	0.25	0.95±0.08	145 138	1.6
24	1/0.50 7/0.20	0.50 0.60	0.31	1.10±0.08 1.20±0.08	90.4	3.0
22	1/0.64 7/0.254 19/0.16	0.64 0.76 0.80	0.31	1.25±0.11 1.40±0.11 1.40±0.11	50.8	5.0
20	1/0.80 7/0.32 19/0.19	0.80 0.96 0.95	0.31	1.40±0.11 1.60±0.11 1.60±0.11	33.6	7.0
18	1/1.0 7/0.40 19/0.24	1.0 1.20 1.20	0.31	1.78±0.11 1.80±0.11 1.80±0.11	24.6	11
16	19/0.30	1.50	0.35	2.20±0.16	16.6	18
14	19/0.37	1.85	0.35	2.55±0.16	9.5	22
12	19/0.49	2.60	0.35	3.30±0.20	5.7	30
10	37/0.45	3.15	0.35	3.85±0.20	3.95	45