



China Sanew Cable Co., Ltd.

UL1199 High Temperature PTFE/TFE Insulated Wire

Product Features:

UL1199 High Temperature PTFE/TFE Insulated Wire is resistant to acids, alkalies, 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 PTFE/TFE which has standard thickness, and is easy stripping and cutting.

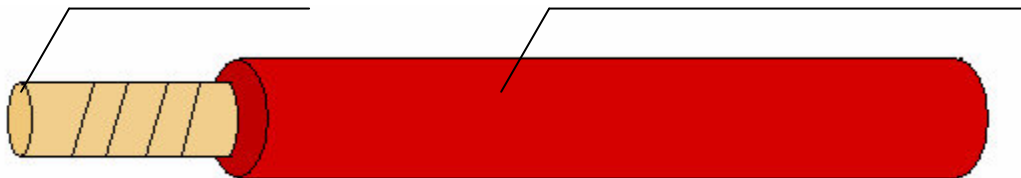
The applications:

UL1199 High Temperature PTFE/TFE 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.

Silver-plated copper

Or tinned copper

PTFE/TFE Teflon Insulation



TECHNICAL DATA:

Conductor:	Silver-plated Copper or Tinned copper
Insulation:	PTFE/TFE
Temperature Rating:	-80°C to +200°C
Operating Voltage:	600V
Conductor stranding:	Please look the next page.
Color Code	According to clients
Approvals:	According to VDE, UL

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Size AWG	Conductor		Insulation		Maximum Resistance at 20°C Ω /km
	Conductor stranding No. /mm	Conductor Dia. (mm)	Nominal Thick	Nominal Dia.	
36	1/0.14	0.14	0.20	0.48±0.05	997
34	1/0.16	0.16	0.20	0.50±0.08	758
32	1/0.20	0.20	0.20	0.52±0.08	586
	7/0.08				
30	1/0.25	0.25 0.30	0.20	0.65±0.08 0.70±0.08	408
	7/0.10				
28	1/0.32	0.32 0.35	0.25	0.82±0.08 0.85±0.08	213
	7/0.12				
26	1/0.40	0.40 0.45	0.35	1.10±0.08	138
	7/0.15				
24	1/0.50	0.50 0.60	0.35	1.20±0.08 1.30±0.08	90.4
	7/0.20				
22	7/0.254	0.76 0.80	0.35	1.45±0.11	50.8
	19/0.16				
20	19/0.19	0.95	0.35	1.65±0.11	33.6
18	19/0.24	1.20	0.35	1.85±0.11	24.6
16	19/0.30	1.50	0.40	2.30±0.16	16.6
14	19/0.37	1.85	0.40	2.65±0.16	9.5
12	19/0.49	2.60	0.45	3.50±0.20	5.7
10	37/0.45	3.15	0.50	4.15±0.20	3.64

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