



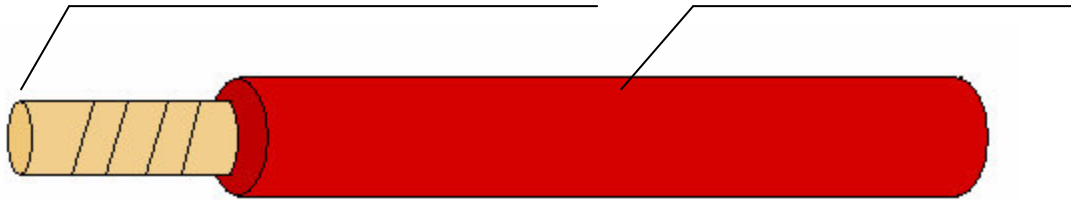
## China Sanew Cable Co., Ltd.

### UL1704 High Temperature PTFE/TFE Insulated Wire

<p>Product Features: UL1704 High Temperature PTFE/TFE Insulated Wires 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 which has standard thickness, and is easy stripping and cutting.</p>	<p>The applications: UL1704 High Temperature PTFE/TFE Insulated Wires widely applied in aviation; metallurgy and petroleum industry as well as applied in other products such as: electronic instrument &amp; device, electrical appliance, leads for transformer &amp; electrical motor.</p>
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Silver-plated copper or tinned copper

PTFE Teflon Insulation



#### TECHNICAL DATA:

<b>Conductor:</b>	Silver-plated Copper or Tinned copper
<b>Insulation:</b>	PTFE
<b>Temperature Rating:</b>	-80°C to +150°C
<b>Operating Voltage:</b>	300V
<b>Conductor stranding:</b>	Please look the next page.
<b>Color Code</b>	According to clients
<b>Approvals:</b>	According to VDE, UL

Add: 2-1-101, Binhefang, Daxing District, Beijing, China Zip: 102600 Tel: +86 - 10 - 51265801

E-mail: [international@sanew-cable.com](mailto:international@sanew-cable.com)

Fax: +86 - 10 - 51286576



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## UL1704 High Temperature PTFE/TFE Insulated Wire

Size AWG	Conductor		Insulation		Maximum Resistance at 20°C Ω /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

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