



## China Sanew Cable Co., Ltd.

### UL1901 High Temperature FEP Insulated Wire

<b>Product Features:</b> UL1901 High Temperature FEP 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 FEP which has standard thickness, and is easy stripping and cutting.	<b>The applications:</b> UL1901 High Temperature FEP 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.
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Silver-plated copper or

tinned copper

FEP Teflon Insulation



#### TECHNICAL DATA:

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

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Size AWG	Conductor Stranding No./mm	Dia. (mm)	Insulation (mm)		Maximum Resistance At 20°C (Ω/km)
			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	0.20	0.65±0.08	408
	7/0.10	0.30		0.70±0.08	
28	1/0.32	0.32	0.25	0.82±0.08	213
	7/0.12	0.35		0.85±0.08	
26	1/0.40	0.40	0.35	1.10±0.08	138
	7/0.15	0.45			
24	1/0.50	0.50	0.35	1.20±0.08	90.4
	7/0.20	0.60		1.30±0.08	
22	7/0.254	0.76	0.35	1.45±0.11	50.8
	19/0.16	0.80			
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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