



# China Sanew Cable Co., Ltd.

## UL10825 High Temperature ETFE Insulated Wire

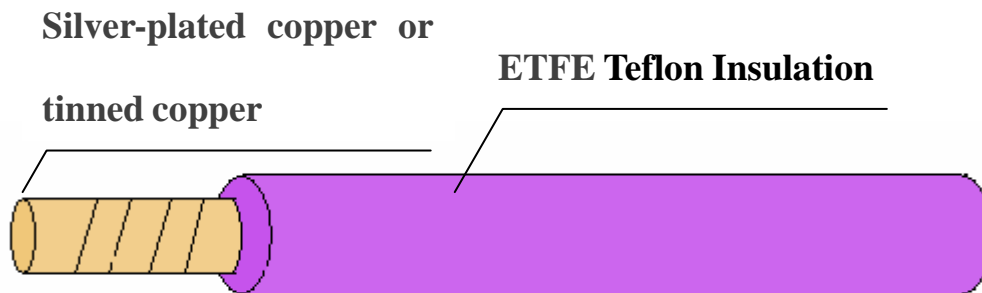
### Product Features:

UL10825 High Temperature ETFE 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 ETFE which has standard thickness, and is easy stripping and cutting.

### The applications:

UL10825 High Temperature ETFE 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:**

ETFE

**Temperature Rating:**

-80℃ to +150℃

**Operating Voltage:**

300V

**Conductor stranding:**

Please see the next page

**Color Code**

According to clients

**Approvals:**

According to VDE, UL



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Size AWG	Conductor		Insulation (mm)		Maximum	Current 170°C-AMR
	Stranding No./mm	Dia. (mm)	Nominal Thick	Nominal Dia.	Resistance at 20°CΩ/km	
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