



China Sanew Cable Co., Ltd.

UL3239 FEP High Temperature High Voltage Insulation Wire

Product Features:

UL3239 FEP High Temperature High Voltage Insulation 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.

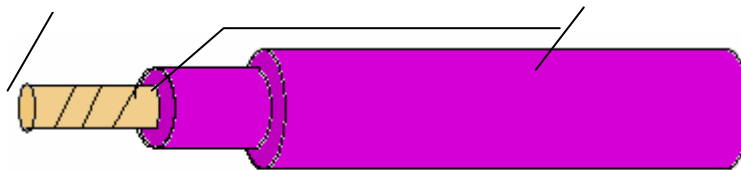
The applications:

UL3239 FEP High Temperature High Voltage Insulation 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

FEP Teflon Insulation



TECHNICAL DATA:

Conductor:

Silver-plated Copper or Tinned copper

Insulation:

FEP

Temperature Rating:

-60°C to +200°C

Operating Voltage:

10KV/20KV/30KV/50KV

Conductor stranding:

Please see the next page

Color Code

According to clients

Approvals:

According to VDE, UL



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Size AWG	Conductor		Jacket Thick (mm)	Voltage 10KV		Voltage 20KV		Voltage 30KV		Voltage 50KV		Maximum Resistance At 2020℃ (Ω/km)
	Stranding No./mm	Dia. (mm)		Nominal Thick (mm)	Nominal Dia. (mm)	Jacket Thick (mm)	Nominal Dia. (mm)	Jacket Thick (mm)	Nominal Thick (mm)	Jacket Thick (mm)	Nominal Dia. (mm)	
30	1/0.26	0.26	0.31	0.43	1.74±0.08	0.57	2.02±0.08	0.73	2.34±0.08	1.00	2.88±0.08	408
28	1/0.32	0.32	0.31	0.43	1.80±0.08	0.57	2.08±0.08	0.73	2.40±0.08	1.00	2.94±0.08	213
26	7/0.15	0.45	0.31	0.43	1.93±0.08	0.57	2.21±0.08	0.73	2.53±0.08	1.00	3.07±0.08	138
24	7/0.20	0.60	0.31	0.43	2.08±0.08	0.57	2.36±0.08	0.73	2.68±0.08	1.00	3.22±0.08	90.4
22	19/0.16	0.80	0.31	0.43	2.28±0.11	0.57	2.56±0.08	0.73	2.88±0.08	1.00	3.42±0.08	50.8
20	19/0.19	0.95	0.31	0.46	2.49±0.11	0.60	2.77±0.11	0.76	3.09±0.11	1.10	3.77±0.11	33.6
18	19/0.24	1.20	0.31	0.46	2.74±0.11	0.60	3.02±0.11	0.76	3.34±0.11	1.10	4.02±0.11	24.6
16	19/0.30	1.50	0.31	0.46	3.04±0.16	0.60	3.32±0.16	0.76	3.64±0.16	1.10	4.32±0.16	16.6
14	19/0.37	1.85	0.31	0.46	3.39±0.16	0.60	3.67±0.16	0.76	3.99±0.16	1.10	4.67±0.16	9.5
12	19/0.49	2.60	0.31	0.46	4.14±0.20	0.60	4.42±0.20	0.76	4.742±0.20	1.10	5.42±0.20	5.7
10	37/0.45	3.15	0.31	0.46	4.69±0.20	0.60	4.97±0.20	0.76	5.292±0.20	1.10	5.97±0.20	3.64