



China Sanew Cable Co., Ltd.

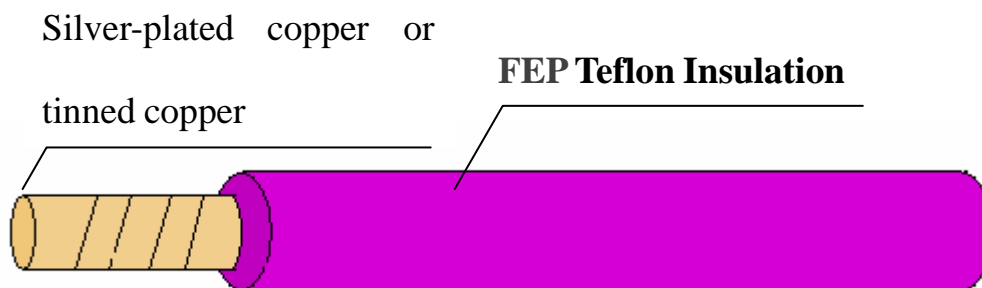
VDE7718 FEP High Temperature Insulated Wire

Product Features:

VDE7718 FEP High Temperature 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, 0.05 ~ 5.3 mm². The insulation is color-coded FEP which has standard thickness, and is easy stripping and cutting.

The applications:

VDE7718 250°C FEP High Temperature 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:

FEP

Temperature Rating:

-80°C to +180°C

Operating Voltage:

450/750V

Conductor stranding:

Please see the next page

Color Code

According to clients

Approvals:

According to VDE, UL



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VDE7718 FEP High Temperature Insulated Wire

Size AWG	Conductor		Insulation (mm)		Maximum
	Stranding No./mm	Dia. (mm)	Nominal Thick	Nominal Dia.	Resistance at 20°CΩ/km
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		1.10±0.08	
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
	19/0.15	0.80		1.45±0.11	
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
17	19/0.265	1.40	0.35	2.10±0.11	22.8
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	2.40	0.45	3.30±0.20	5.7
11	37/0.38	2.60	0.45	3.50±0.20	4.88
10	37/0.45	3.15	0.50	4.15±0.20	3.64