



Fluoroplastics insulated high-temperature electrical cable

1. Standard

The product is manufactured according to the standard of QB, and the same time is also manufactured according to the standard of IEC, English, Germany and America.

2. Applications

The products can keep a good physical and mechanical properties and electrical properties when temperature at 200°C or below. It has good performance of solvent resistance, corrosive resistance, high temperature resistance. It can be used in the chemical, petrol, electric generation and metallurgical enterprise and under high or low temperature and other bad environment.

3. Operating characteristics

- Rated power-frequency voltage U_0/U : 0.6/1kV.
- Allowable working temperature for a long period:
PVC sheath: 70°C, 90°C, 105°C
Silicone rubber sheath: $\leq 180^\circ\text{C}$
Fluoroplastics sheath: $\leq 200^\circ\text{C}$
- The ambient temperature should not be lower than -60°C for fixed cable laying and not be lower than -20°C for temporary cable laying.
- Recommended allowable bending radius:

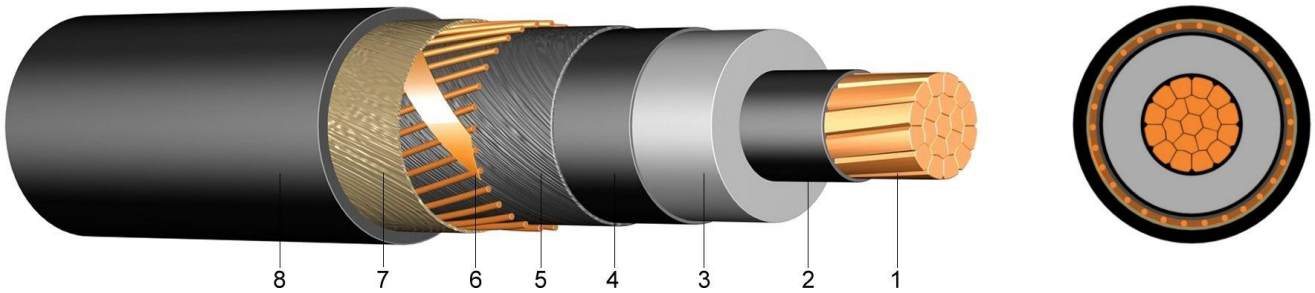
Should not be smaller than 12 times of the cable diameter for Fluoroplastics sheath cables and steel-armored cables.

Shirly Zhang

Shandong Shinegoo Intelligent Technology Co., Ltd

Email: shirly@cncshinegoo.com | Skype: shirly1689121314

Tel(whatsapp): +86 13173118035 | www.cncshinegoo.com



4. Type and designation

Series F: Fluoroplastics insulated series G:silicon rubber insulated series

Type	Designation
FF FFR	Copper conductor, Fluoroplastics insulated and sheathed high-temperature (flexible) power cables
NH-FF NH-FFR	Copper conductor, Fluoroplastics insulated and sheathed, braided copper wire screen high-temperature fire-resistant (flexible) power cables
FF25 FFR25	Copper conductor, Fluoroplastics insulated and sheathed, steel tape armored high-temperature (flexible) power cables
NH-FF25 NH-FFR25	Copper conductor, Fluoroplastics insulated and sheathed, steel tape armored high-temperature fire-resistant (flexible) power cables
FV FVR	Copper conductor, Fluoroplastics insulated and flame-retardant PVC sheathed high-temperature (flexible) power cables
NH-FV NH-FVR	Copper conductor, Fluoroplastics insulated and flame-retardant PVC sheathed high-temperature fire-resistant (flexible) power cables
FV22 FVR22	Copper conductor, Fluoroplastics insulated and flame-retardant PVC sheathed, steel tape armored high-temperature (flexible) power cables
NH-FV22 NH-FVR22	Copper conductor, Fluoroplastics insulated and flame-retardant PVC sheathed, steel tape armored high-temperature fire-resistant (flexible) power cables
FG FGR	Copper conductor, Fluoroplastics insulated and silicone rubber sheathed high-temperature (flexible) power cables
NH-FG NH-FGR	Copper conductor, Fluoroplastics insulated and silicone rubber sheathed high-temperature fire-resistant (flexible) power cables
FG24 FGR24	Copper conductor, Fluoroplastics insulated and silicone rubber sheathed, steel tape armored high-temperature (flexible) power cables
NH-FG24 NH-FGR24	Copper conductor, Fluoroplastics insulated and silicone rubber sheathed, steel tape armored high-temperature fire-resistant (flexible) power cables

Shirly Zhang

Shandong Shinegoo Intelligent Technology Co.,Ltd

Email:shirly@cncshinegoo.com | Skype:shirly1689121314

Tel(whatsapp):+86 13173118035 | www.cncshinegoo.com

5. Production range of cable

Type	Rated voltage	No. Of cores	Nominal cross-sectional areas/mm ²
FF FFR	600/1000V	1、 2、 3、 4、 5、 3+1、 3+2、 4+1	Single-core 1.5-1000 Multi-core 1.5-800
NH-FF NH-FFR			Single-core 1.5-1000 Multi-core 1.5-800
FF25 FFR25			Single-core 1.5-1000 Multi-core 1.5-800
NH-FF25 NH-FFR25			Single-core 1.5-1000 Multi-core 1.5-800
FV FVR			Single-core 1.5-1000 Multi-core 1.5-800
NH-FV NH-FVR			Single-core 1.5-1000 Multi-core 1.5-800
FV22 FVR22			Single-core 1.5-1000 Multi-core 1.5-800
NH-FV22 NH-FVR22			Single-core 1.5-1000 Multi-core 1.5-800
FG FGR			Single-core 1.5-1000 Multi-core 1.5-800
NH-FG NH-FGR			Single-core 1.5-1000 Multi-core 1.5-800
FG24 FGR24			Single-core 1.5-1000 Multi-core 1.5-800
NH-FG24 NH-FGR24			Single-core 1.5-1000 Multi-core 1.5-800

Shirly Zhang

Shandong Shinegoo Intelligent Technology Co.,Ltd

Email:shirly@cnshinegoo.com | Skype:shirly1689121314

Tel(whatsapp):+86 13173118035 | www.cnshinegoo.com