

# AF-200、AF-260氟塑料安装电线

## AF-200 & AF-260 Fluoroplastics Installation Wire

本产品适用于耐低温导线、耐高温加热导线及阻燃耐老化导线  
也可用于空调机、微波炉、电子消毒柜、电子热水瓶、电暖器、电烤箱、  
电炒锅、灯具灯饰等内部布线。

生产执行标准  
GJB773标准

### 二、使用条件

- 1、电线导体最高工作温度为200℃和260℃，最低环境温度  
为-60℃；
- 2、额定电压：300V/500V。

### 三、技术特性

- 1、电线具有优良的耐腐蚀性能，几乎不溶于任何有机溶剂，可  
抗油、强酸、强碱、  
强氧化剂；
- 2、具有优良的电绝缘性能，耐高电压、高频损耗小，不吸湿，绝  
缘电阻大；
- 3、具有优良的不燃、耐老化性能，氧指数≥70，使用寿命长。
- 4、也可向用户提供屏蔽型安装线。

### 四、技术参数如下表

| 标称截面<br>(mm <sup>2</sup> )<br>Nominal cross section area | 电线最大外径<br>(mm)<br>Max. O.D of cable | 载流量<br>(A)<br>Current-loading capacity | 20℃导体最大电阻<br>(Ω/km)<br>Max. resistance of conductor at<br>20℃ |
|----------------------------------------------------------|-------------------------------------|----------------------------------------|---------------------------------------------------------------|
| 0.3                                                      | 1.55                                | 2.5                                    | 71.2                                                          |
| 0.5                                                      | 1.65                                | 6                                      | 40.1                                                          |
| 0.75                                                     | 1.86                                | 10                                     | 22.2                                                          |
| 1.0                                                      | 2.10                                | 14                                     | 20.0                                                          |
| 1.5                                                      | 2.52                                | 22                                     | 13.7                                                          |
| 2.0                                                      | 2.75                                | 26                                     | 8.86                                                          |
| 2.5                                                      | 2.92                                | 30                                     | 8.21                                                          |
| 3.5                                                      | 3.58                                | 37                                     | 6.1                                                           |
| 4.0                                                      | 3.76                                | 40                                     | 5.09                                                          |
| 5.5                                                      | 4.05                                | 50                                     | 4.5                                                           |
| 6.0                                                      | 4.58                                | 55                                     | 3.39                                                          |
| 8.0                                                      | 5.15                                | 65                                     | 2.35                                                          |
| 10.0                                                     | 5.58                                | 75                                     | 1.95                                                          |
| 16.0                                                     | 5.86                                | 82                                     | 1.21                                                          |

### 五、交货长度

根据双方协议允许任何长度交货，计量误差允许不超过  
±0.5%。

It is used as low temperature resistant wire, high  
temperature resistant heating wire or flame retardant and  
aging resistant wire. It is used as inner wiring in air conditioner,  
microwave stove, electronic sterilizer, electric water heater,  
electrical heating machine, electronic oven, electrical frying pan  
and lightings etc.

Executive standard:  
GJB773 standard

### Working Condition

- 1: Max working temperature of wire conductor is 200℃&  
260℃.  
Min. environment temperature is -60℃.
- 2: Rated voltage: 300/500V

### Technical Performance

- 1: It has good feature of corrosion resistant, and it is almost  
insoluble in any organic solvent. It is resistant to grease, strong  
acid and strong alkali.
- 2: It has good electric insulation character, and is resistant  
to high voltage, with small H.F. loss, without absorbing moisture,  
and with high insulation resistance.
- 3: It has good performance of resisting fire and aging,  
oxygen index≥70, with long lifetime.
- 4: We also produce shielding installation wire according to  
the requirement of customer.

### Main Technical Parameter

### Delivery Length

Delivery length of cable depends on both agreements with  
length error allowance of ±0.5%