



## China Sanew Cable Co., LTD.

### UL1710 High Temperature PFA Insulated Wire

|                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Product Features:</b><br/>UL1710 High Temperature PFA Insulated Wire is resistant to acids, alkalies, oils, flame retardant, fire, and low smoke, no halogen.<br/>And the conductor is solid or stranded silver-plated copper or tinned copper conductor, 10 ~ 36 AWG. The insulation is color-coded PFA which has standard thickness, and is easy stripping and cutting.</p> | <p><b>The applications:</b><br/>UL1710 High Temperature PFA Insulated Wire is widely applied in aviation; metallurgy and petroleum industry as well as applied in other products such as: electronic instrument &amp; device, electrical appliance, leads for transformer &amp; electrical motor.</p> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Silver-plated copper or tinned copper**

**PFA Teflon Insulation**



#### TECHNICAL DATA:

|                             |                                              |
|-----------------------------|----------------------------------------------|
| <b>Conductor:</b>           | <b>Silver-plated Copper or Tinned copper</b> |
| <b>Insulation:</b>          | <b>PFA</b>                                   |
| <b>Temperature Rating:</b>  | <b>-80°C to +200°C</b>                       |
| <b>Operating Voltage:</b>   | <b>600V</b>                                  |
| <b>Conductor stranding:</b> | <b>Please look the next page.</b>            |
| <b>Color Code</b>           | <b>According to clients</b>                  |
| <b>Approvals:</b>           | <b>According to VDE, UL</b>                  |

Add: 2-1-101, Binhefang, Daxing District, Beijing, China Zip: 102600 Tel: +86 - 10 - 51265801

E-mail: [international@sanew-cable.com](mailto:international@sanew-cable.com)

Fax: +86 - 10 - 51286576



# China Sanew Cable Co., LTD.

## UL1710 High Temperature PFA Insulated Wire

| Size<br>AWG | Conductor                         |                           | Insulation               |                         | Maximum<br>Resistance<br>at 20°C Ω<br>/km |
|-------------|-----------------------------------|---------------------------|--------------------------|-------------------------|-------------------------------------------|
|             | Conductor<br>stranding<br>No. /mm | Conductor<br>Dia.<br>(mm) | Nominal<br>Thick<br>(mm) | Nominal<br>Dia.<br>(mm) |                                           |
| 36          | 1/0.14                            | 0.14                      | 0.20                     | 0.48±0.05               | 997                                       |
| 34          | 1/0.16                            | 0.16                      | 0.20                     | 0.50±0.08               | 758                                       |
| 32          | 1/0.20                            |                           |                          |                         |                                           |
|             | 7/0.08                            | 0.20                      | 0.20                     | 0.52±0.08               | 586                                       |
| 30          | 1/0.25                            | 0.25                      |                          | 0.65±0.08               |                                           |
|             | 7/0.10                            | 0.30                      | 0.20                     | 0.70±0.08               | 408                                       |
| 28          | 1/0.32                            | 0.32                      |                          | 0.82±0.08               |                                           |
|             | 7/0.12                            | 0.35                      | 0.25                     | 0.85±0.08               | 213                                       |
| 26          | 1/0.40                            | 0.40                      |                          |                         |                                           |
|             | 7/0.15                            | 0.45                      | 0.35                     | 1.10±0.08               | 138                                       |
| 24          | 1/0.50                            | 0.50                      |                          | 1.20±0.08               |                                           |
|             | 7/0.20                            | 0.60                      | 0.35                     | 1.30±0.08               | 90.4                                      |
| 22          | 7/0.254                           | 0.76                      |                          |                         |                                           |
|             | 19/0.16                           | 0.80                      | 0.35                     | 1.45±0.11               | 50.8                                      |
| 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                                      |
| 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                           | 2.60                      | 0.45                     | 3.50±0.20               | 5.7                                       |
| 10          | 37/0.45                           | 3.15                      | 0.50                     | 4.15±0.20               | 3.64                                      |

Add: 2-1-101, Binhefang, Daxing District, Beijing, China Zip: 102600 Tel: +86 - 10 - 51265801

E-mail: [international@sanew-cable.com](mailto:international@sanew-cable.com)

Fax: +86 - 10 - 51286576