

**Silicone Rubber Wire 180°C 300V/500V****Product Description**

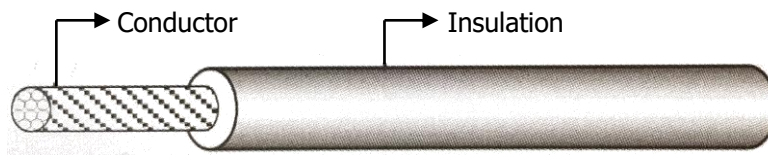
- Conductor use tinned copper stranded.
- Silicone rubber insulation
- Rated temperature: 180°C;  
Rated voltage: 300/500Volts
- Passed VDE Horizontal flame test
- Provide to high-flexibility, resistant to 180°C High  
Temperatures-50°C cold environment temperature etc.

**Technical Specification**

- Insulation Potential Strength:  
2000 VAC/min
- UL Rated temperature: 180°C.
- Rated Voltage: 300/500 Volts
- Dimension Tolerance:  $\pm 0.10$  mm.

**Applications**

- Suitable for indoor small electrical instruments.

**Structure & electrical properties**

| VDE<br>H05S-K | Range        |                | Conductor                     |          | Insulation        | Overall<br>Diameter<br>(mm) | Maximum<br>Conductor<br>Resistance<br>( $\Omega$ /km) |
|---------------|--------------|----------------|-------------------------------|----------|-------------------|-----------------------------|---|
|               | Temp<br>(°C) | Voltage<br>(V) | Section<br>(mm <sup>2</sup> ) | No./mm   | Thickness<br>(mm) |                             |   |
| Stranded      | 180°C        | 300V/500V      | 0.50                          | 20/0.180 | 0.80              | 2.60                        | 40.1  |
|               |              |                | 0.75                          | 30/0.180 |                   | 2.80                        | 26.7  |
|               |              |                | 1.00                          | 41/0.180 |                   | 3.00                        | 20.0  |
|               |              |                | 1.50                          | 30/0.254 | 0.90              | 3.50                        | 13.7  |
|               |              |                | 2.50                          | 50/0.254 | 1.00              | 4.10                        | 8.21  |