

## Data Sheet

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### Insulating tubing



Coefficient of elasticity : 0.0793 GPa

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### Product Introduction:

Silicone Rubber Braided Tube is Braided glass fibrin and silicone colophony .General insulating protection for various household appliances, light fitting ,machines, electronic instruments etc.

### Characteristics:

1. Operating temperature ranges : -60°C~200°C
2. With good flexibility and arc-resistant, corona-resistant;

Standard color :white (Other color available upon request.)

### Technical data:

| Property                    | Test method | Standard               |
|-----------------------------|-------------|------------------------|
| Dielectric strength (kv/mm) | IEC 243     | ≥ 18                   |
| Volume resistivity(Ω·cm)    | IEC 93      | ≥ 1 × 10 <sup>14</sup> |
| Tensile strength(MPa )      | ASTM D412   | ≥ 4MPa                 |
| Elongation(%)               | ASTM D412   | ≥ 210                  |
| Flammability                | ISO 1210    | FV-1                   |

### Specification:

| Size (mm) | Standard size (mm) |          |              | Standard package (M/spool) |         |
|-----------|--------------------|----------|--------------|----------------------------|---------|
|           | I.D.               | Min.W.T. | Average W.T. |                            |         |
| 1.0       | 1.0±0.15           | 0.60     | 0.80         | 200                        | 1570689 |
| 2.0       | 2.0±0.15           | 0.60     | 0.80         | 200                        | 1570899 |
| 3.0       | 3.0±0.15           | 0.80     | 1.00         | 100                        | 1571346 |
| 4.0       | 4.0±0.15           | 0.80     | 1.00         | 100                        | 1570900 |
| 5.0       | 5.0±0.20           | 0.80     | 1.00         | 100                        | 1571347 |
| 6.0       | 6.0±0.20           | 1.00     | 1.20         | 100                        |         |
| 7.0       | 7.0±0.20           | 1.00     | 1.20         | 50                         |         |
| 8.0       | 8.0±0.25           | 1.00     | 1.20         | 50                         | 1565117 |
| 9.0       | 9.0±0.25           | 1.20     | 1.50         | 50                         |         |
| 10.0      | 10.0±0.25          | 1.20     | 1.50         | 50                         | 1571348 |