

# SILICONE SPIRAL WRAP/CUT TUBING

## GD-SRT

### ● Overview


Name	Fire Resistance Rating	Application	Method	Working Temperature
GD-SRT	VW-1 UL&C-UL No: E515658	Military, electronics, railways, transportation, automotive, power, medical devices, and optical communication	Wrapping	-50°C to 200°C

### Key Properties

- High environmental protection level. Suitable for medical use.
- Compliant with ROHS, REACH, and FDA requirements.
- Soft, great elasticity.
- High flame resistance, meets VW-1 requirements.
- High transparency.



### ● Specifications

Item	 UL&C-UL Type	Normal Type
Tensile Strength (MPa)	3.45	3.45
Elongation at Break (%)	200	200
Tear Strength (KN/m)	15	20
Volume Resistivity (Ω·cm)	$2 \times 10^{12}$ ( $2 \times 10^{14}$ )	$2 \times 10^{12}$ ( $2 \times 10^{14}$ )
Dielectric Strength (KV/mm)	20	20
Dielectric Constant ( )50Hz	3.2	3.2
Dielectric loss tangent (tan )50Hz	0.001	0.001
Flammability Rating (UL-224)	VW-1	-
Working Temperature Range (°C)	-50 to +200	-50 to +200

## ● Standard Size

Size	Inner Diameter (mm)	Outer Diameter (mm)	Pitch (mm)
Φ 1.0	1.0±0.2	3.0±0.2	5-15
Φ 2.0	2.0±0.2	4.0±0.2	5-15
Φ 3.0	3.0±0.2	5.0±0.2	5-15
Φ 4.0	4.0±0.2	6.0±0.2	5-15
Φ 5.0	5.0±0.2	7.0±0.2	5-15
Φ 6.0	6.0±0.2	8.0±0.2	5-15
Φ 7.0	7.0±0.2	9.0±0.2	5-15
Φ 8.0	8.0±0.2	10.0±0.2	5-15
Φ 9.0	9.0±0.2	11.0±0.2	5-15
Φ 10.0	10.0±0.2	12.0±0.2	5-15

*Custom sizes and specifications beyond the list are available on request.*

