

# SILICONE RUBBER TUBING

## GD-SRT

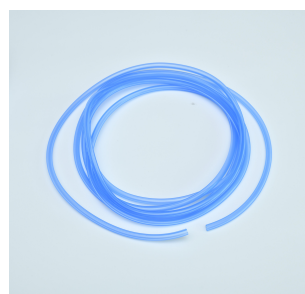
### ● Overview

Name	Fire Resistance Rating	Application	Working Temperature
GD-SRT	VW-1 UL&C-UL No: E515658	Military industry, electrical and electronic, high-speed rail, transportation, new energy vehicles, nuclear power, and medical.	-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)	6.0	6.9
Elongation at Break (%)	200	300
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	-

## ● Standard Size

Inner Diameter		Wall Thickness		Inner Diameter		Wall Thickness		Inner Diameter		Wall Thickness	
Size		(mm)		Size		(mm)		Size		(mm)	
Φ0.8	+0.2	0.5	±0.1	Φ0.8	+0.2	0.6	±0.1	Φ0.8	+0.2	1.0	±0.1
	-0.1				-0.1				-0.1		
Φ1.0	+0.2	0.5	±0.1	Φ1.0	+0.2	0.6	±0.1	Φ1.0	+0.2	1.0	±0.1
	-0.1				-0.1				-0.1		
Φ1.2	+0.2	0.5	±0.1	Φ1.2	+0.2	0.6	±0.1	Φ1.2	+0.2	1.0	±0.1
	-0.1				-0.1				-0.1		
Φ1.5	+0.2	0.5	±0.1	Φ1.5	+0.2	0.6	±0.1	Φ1.5	+0.2	1.0	±0.1
	-0.1				-0.1				-0.1		
Φ2.0	+0.2	0.5	±0.1	Φ2.0	+0.2	0.6	±0.1	Φ2.0	+0.2	1.0	±0.1
	-0.1				-0.1				-0.1		
Φ2.5	+0.2	0.5	±0.1	Φ2.5	+0.2	0.6	±0.1	Φ2.5	+0.2	1.0	±0.1
	-0.1				-0.1				-0.1		
Φ3.0	+0.2	0.5	±0.1	Φ3.0	+0.2	0.6	±0.1	Φ3.0	+0.2	1.0	±0.1
	-0.1				-0.1				-0.1		
Φ3.5	+0.2	0.5	±0.1	Φ3.5	+0.2	0.6	±0.1	Φ3.5	+0.2	1.0	±0.1
	-0.1				-0.1				-0.1		
Φ4.0	+0.2	0.5	±0.1	Φ4.0	+0.2	0.6	±0.1	Φ4.0	+0.2	1.0	±0.1
	-0.1				-0.1				-0.1		
Φ4.5	+0.2	0.5	±0.1	Φ4.5	+0.2	0.6	±0.1	Φ4.5	+0.2	1.0	±0.1
	-0.1				-0.1				-0.1		
Φ5.0	+0.2	0.5	±0.1	Φ5.0	+0.2	0.6	±0.1	Φ5.0	+0.2	1.0	±0.1
	-0.1				-0.1				-0.1		
Φ6.0	+0.2	0.5	±0.1	Φ6.0	+0.2	0.6	±0.1	Φ6.0	+0.2	1.0	±0.1
	-0.1				-0.1				-0.1		
Φ7.0	+0.2	0.7	±0.1	Φ7.0	+0.2	0.8	±0.1	Φ7.0	+0.2	1.0	±0.1
	-0.2				-0.2				-0.2		
Φ8.0	+0.2	0.7	±0.1	Φ8.0	+0.2	0.8	±0.1	Φ8.0	+0.2	1.0	±0.1
	-0.2				-0.2				-0.2		
Φ9.0	+0.2	0.8	±0.1	Φ9.0	+0.2	0.9	±0.1	Φ9.0	+0.2	1.0	±0.1
	-0.2				-0.2				-0.2		
Φ10.0	+0.2	0.8	±0.1	Φ10.0	+0.2	0.9	±0.1	Φ10.0	+0.2	1.0	±0.1
	-0.2				-0.2				-0.2		
Φ11.0	+0.2	0.9	±0.1	Φ11.0	+0.2	1.0	±0.1	Φ11.0	+0.2	1.5	±0.15
	-0.2				-0.2				-0.2		
Φ12.0	+0.2	0.9	±0.1	Φ12.0	+0.2	1.0	±0.1	Φ12.0	+0.2	1.5	±0.15
	-0.2				-0.2				-0.2		
Φ13.0	+0.2	1.0	±0.1	Φ13.0	+0.2	1.1	±0.1	Φ13.0	+0.2	1.5	±0.15
	-0.2				-0.2				-0.2		
Φ14.0	+0.2	1.0	±0.1	Φ14.0	+0.2	1.1	±0.1	Φ14.0	+0.2	1.5	±0.15
	-0.2				-0.2				-0.2		

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