



## **HEAT SHRINKABLE SILICONE RUBBER TUBE**

**HEAT SHRINKABLE      RoHS COMPLIANT      HI TEMPERATURE**

**SIL-221** is a high temperature resistant heat shrinkable silicone rubber tube. This highly flexible tube is extremely stable and has a high arc resistance.

### ***SIL-221 Applications***

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This product is used in various applications such as protection in household electrical appliances, industrial electric appliances, lighting, machinery, and electronic instruments where components are exposed to high temperatures.

### **Characteristics**

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Shrink Ratio: 1.7 to 1

Shrink Temperature: 100°C

Operating Temperature: -60° to 180° Celsius

Environmentally Friendly

Colors: Standard Packages Available in Black & White

### **Test Data**

Property	Test method	Standard
Tensile strength(MPa)	ASTM D638	≥6.5MPa
Elongation	ASTM D638	≥350%
Tear strength(KN/M)	ASTM D624B	≥30
Volume resistivity(Ω.cim)	ASTM D876	2×10 <sup>13</sup> Ωcm
Shore A Hardness	DIN53505	60+/-5

# Specifications

Part No.	Size mm	As supplied(mm)		After recovery(mm)	
		Inner Dia.	Wall thickness	Inner Dia.	Wall thickness
SIL-221-1.5	Φ1.5	≥1.5	≤0.35	≤0.9	≥0.6
SIL-221-2	Φ2	≥2	≤0.5	≤1.2	≥0.8
SIL-221-3	Φ3	≥3	≤0.5	≤1.8	≥0.8
SIL-221-4	Φ4	≥4	≤0.6	≤2.5	≥1.0
SIL-221-5	Φ5	≥5	≤0.6	≤3	≥1.0
SIL-221-6	Φ6	≥6	≤0.6	≤3.6	≥1.0
SIL-221-8	Φ8	≥8	≤0.6	≤5.0	≥1.0
SIL-221-10	Φ10	≥10	≤0.9	≤6.0	≥1.5
SIL-221-12	Φ12	≥12	≤0.9	≤7.2	≥1.5
SIL-221-15	Φ15	≥15	≤0.9	≤9	≥1.5
SIL-221-17	Φ17	≥17	≤0.9	≤10.5	≥1.5
SIL-221-20	Φ20	≥20	≤0.9	≤12.5	≥1.5
SIL-221-25	Φ25	≥25	≤1.2	≤15.0	≥2.0
SIL-221-30	Φ30	≥30	≤1.2	≤18.5	≥2.0
SIL-221-40	Φ40	≥40	≤1.2	≤24	≥2.0

Color Code: 0=BLK, 1=BRN, 2=RED, 3=ORN, 4=YLW, 5=GRN, 6=BLU, 7=VIO, 8=GRY, 9=WHT, X=CLR

P/N Example: SIL-221-6-0 = Black 6mm Tubing

Property of Gamma Electronics

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