

Single Wall Products

S9 Silicon Rubber Heat Shrinkable Tubing

Voltage Class 1kV Suitable for thermal insulation and heat shock protection

Silicon rubber tubing with good thermal insulation property and excellent resistance to both high and low temperature. Suitable for providing insulation and protection for equipment operating in or subject to be exposed to high temperature environment.

Applications

- Thermal insulation and protection of medical apparatus that require sterilization treatment.
- Heating element insulation
- Fiber optic bundle sheathing
- Electrical wiring terminal insulation
aviation and rocketry support cable protection

Features/Benefits

- Shrink Ratio: 1.5:1
- Flame Retardant
- High flexibility at both high or low temperature

Temperature Range

Operating Temperature : -20 °C ~ 200 °C
Shrink Temperature : 150 °C



Colour

Grey

Product Code Cross References

Raychem : SRFR

Technical Details

Test Item	Test Method	Typical Value
Heat shock (275°C for 4h)	ASTM D2671	no drop no flow
Tensile strength	ASTM D2671	≥ 6MPa
Break out elongation	ASTM D2671	≥ 200%
tensile strength after aging (200°C for 168h)	ASTM D2671	≥ 3.5MPa
break out elongation after aging (200°C for 168h)	ASTM D2671	≥ 150%
Dielectric strength	ASTM D2671	≥ 18kV/mm
Flame retardant	ASTM D2671	Self-extinguish in 60 seconds

Product Selection

Product Code	ID Before Shrink(mm)	ID After Shrink(mm)	Wall Thickness After Free Recovery(mm)	Standard Package (pcs)
S9-Φ1.5	1.7±0.2	0.8±0.1	1.0±0.2	1
S9-Φ3.0	3.2±0.2	1.8±0.1	1.0±0.2	1
S9-Φ4.0	4.5±0.3	2.2±0.1	1.0±0.2	1
S9-Φ5.0	5.6±0.3	2.9±0.1	1.0±0.2	1
S9-Φ6.0	6.6±0.3	3.3±0.1	1.0±0.2	1
S9-Φ8.0	8.6±0.4	4.3±0.1	1.0±0.2	1
S9-Φ10	10±1.0	5.0±0.1	1.0±0.2	1
S9-Φ12	12±1.0	6.0±0.1	1.5±0.2	1
S9-Φ14	14±1.0	7.0±0.1	1.5±0.2	1
S9-Φ16	16±1.0	8.0±0.1	1.5±0.2	1
S9-Φ20	20±1.0	12±0.1	2.0±0.3	1

ID: Internal Diameter

Ordering

When ordering this product, please specify 1) Product code 2) Quantity Required in pcs