

PST 200 - SILICON RUBBER

Highly flexible, flame retardant, silicon rubber heat shrinkable tubing

PST200 a silicone heat shrinkable tubing which is highly flexible and resistant to high and low temperatures. It is highly flame retardant and has outstanding ablative properties as well as an excellent balance of physical and electrical properties.

Typical application is for electrical equipments, light fixtures and medical instruments.

Features

- Temperature range: -70°C to +200°C
- Highly Flame Retardant
- Excellent acid and alkali resistance, solvent resistance
- RoHS, REACH compliant
- Shrink ration: 1.7:1

Material

Silicon rubber



TECHNICAL DATA

Test items	Test Method	Standard Requirements
Tensile strength	ASTM D 2671	6.0 MPa minimum
Ultimate elongation	ASTM D 2671	400% minimum
Tensile strength after Aging at 200°C for 168hrs	UL224	4.0Mpa minimum
Ultimate elongation after Aging at 200°C for 168hrs	UL224	200% minimum
Dielectric strength	ASTM D 2671	25kV/mm minimum
Volume resistance	ASTM D 2671	2*10 ¹⁴ Ω.cm minimum
Dielectric Constant (ε) 50Hz	ASTM D 2671	3.2
Corrosion effect on copper		No corrosion
Antibacterial and erosion resistance		Good
Flame Retardancy	UL224	Self-extinguish in 60s



We certify that the values provided are as accurate as possible. Use of these values, however, remains the sole responsibility of the customer and cannot in any way substitute for testing the product under real conditions of use. The user must assess whether this product is suitable for a particular use. KACAB shall not be held responsible for any loss or anomaly resulting from the correct or incorrect use of this product.

Dimensions



D^* = Inner diameter as supplied

d^* = Inner diameter after fully recovered

w = wall thickness after recovered

Dimensions

Prolink part No.	As supplied	After recovered		Length
	D^* (Min.) (mm)	d^* (Max.) (mm)	w^* (Min.)	M per spool
PST200 1.5/0.88	1.5	0.88	1.00	200
PST200 3.0/1.76	3.0	1.76	1.00	200
PST200 4.0/2.35	4.0	2.35	1.00	200
PST200 5.0/2.95	5.0	2.95	1.00	100
PST200 6.0/3.53	6.0	3.53	1.00	100
PST200 8.0/4.75	8.0	4.75	1.00	100
PST200 10/5.89	10	5.89	1.50	50
PST200 12/7.10	12	7.1	1.50	50
PST200 15/9.0	15	9	1.50	50
PST200 20/13	20	13	2.50	25
PST200 25/15	25	15	2.50	25
PST200 30/16	30	16	2.50	25

Special sizes and customization services are available upon request.