



TZRS-SIL200(1.7X)

Silicone Rubber Heat Shrink Tube



Description

TZRS-SIL200(1.7X) is made of silicone rubber and polymer elastomer modified by radiation can be used at high temperature for a long time, acid and alkali resistance, solvent resistance, resistance to external mechanical damage. It can be used for military vehicles, high-speed train, ship equipment or electrical appliances industries such as cable terminal, separating junction protection.

Features

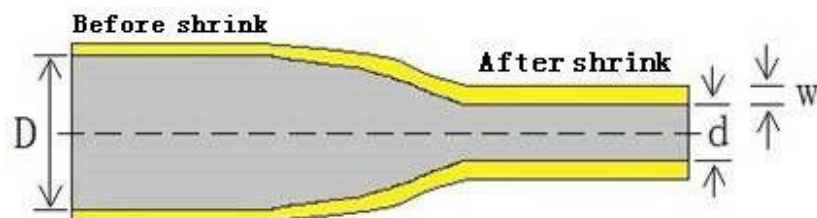
- Acid and alkali resistant, corona resistant, prevent mildew
- Flame retardant, flexible
- Shrink Temperature: 150°C~175°C
- Continuous Operating Temperature: -55°C~200°C
- Shrink Ratio: 1.7:1
- Environmental standards: RoHS
- Standard colors: Black, grey, red, others can custom made



Technical Performance

Properties	Typical Data	Test Methods
Tensile Strength	$\geq 6.5\text{MPa}$	ASTM D 638
Elongation	$\geq 300\%$	ASTM D 638
Tear Strength	$\geq 30\text{kN/m}$	ASTM D 624
Heat Shock	No cracks , no dripping	$300^{\circ}\text{C}\times 4\text{h}$
Proportion	1.1	ASTM D 792
Volume Resistance	$\geq 2 \times 10^{13}\Omega\cdot\text{cm}$	ASTM D 876

Structure





Dimensions

Size(mm)	Inner Diameter (mm)	After full recovery(mm)		
		Inner Diameter	Thickness(A)	Thickness(B)
φ1.0	≥1.0	≤0.60	0.70±0.10	1.10±0.10
φ1.5	≥1.5	≤0.80	0.70±0.10	1.10±0.10
φ2.0	≥2.0	≤1.20	0.70±0.10	1.10±0.10
φ2.5	≥2.5	≤1.50	0.70±0.10	1.10±0.10
φ3.0	≥3.0	≤1.80	0.70±0.10	1.10±0.10
φ3.5	≥3.5	≤2.00	0.70±0.10	1.10±0.10
φ4.0	≥4.0	≤2.50	0.70±0.10	1.10±0.10
φ4.5	≥4.5	≤2.80	0.70±0.10	1.10±0.10
φ5.0	≥5.0	≤3.00	0.70±0.10	1.10±0.10
φ6.0	≥6.0	≤3.80	0.70±0.10	1.10±0.10
φ7.0	≥7.0	≤4.00	0.70±0.10	1.10±0.10
φ8.0	≥8.0	≤4.80	0.70±0.10	1.10±0.10
φ9.0	≥9.0	≤5.00	0.70±0.10	1.10±0.10
φ10	≥10.0	≤6.50	1.70±0.10	2.50±0.10
φ12	≥12.0	≤7.00	1.70±0.10	2.50±0.10
φ15	≥15.0	≤9.00	1.70±0.10	2.50±0.10
φ20	≥20.0	≤13.0	1.70±0.10	2.50±0.10
φ25	≥25.0	≤15.0	1.70±0.10	2.50±0.10
φ30	≥30.0	≤18.0	1.70±0.10	2.50±0.10
φ35	≥35.0	≤20.0	1.70±0.10	2.50±0.10
φ40	≥38.0	≤25.0	1.70±0.10	2.50±0.10
φ50	≥47.0	≤30.0	1.70±0.10	2.50±0.10
φ60	≥57.0	≤38.0	2.50±0.10	3.20±0.10
φ70	≥67.0	≤55.0	2.50±0.10	3.20±0.10
φ80	≥77.0	≤48.0	2.50±0.10	3.20±0.10
φ90	≥87.0	≤52.0	2.50±0.10	3.20±0.10
φ110	≥107.0	≤68.0	2.50±0.10	3.20±0.10

Note: Non-standard sizes and package are available on your request.