

Viton Fluororubber Heat Shrink Tubing



Model Number: SBD-SWHF-VT

The viton fluororubber is made of fluororubber and polymer elastomer by radiation modification. It can be used at high temperature for a long time, resistant to diesel, aviation fuel and high temperature resistant fluid.

Usage

It can be used for military vehicles, high-speed rail trains, ship equipment or commercial cable terminals, and separation of joints.

Features

1. Shrink Ratio:2:1;
2. Initial shrinkage temperature: $\geq 100^{\circ}\text{C}$;
3. Complete shrinkage temperature: $\geq 175^{\circ}\text{C}$
3. Operation temperature: $-55^{\circ}\text{C} \sim 200^{\circ}\text{C}$.
4. Oil and solvent resistant, high flame retardant, soft and flexible.

Dimensions

Property	Test Method	Standard
Tensile strength(Mpa)	ASTM-D 638	$\geq 8.5\text{Mpa}$
Breaking elongation	ASTM-D 638	$\geq 250\%$
Operation temperature range	IEC 60216	$-55^{\circ}\text{C} \sim 200^{\circ}\text{C}$
Heat aging/Breaking elongation	168hrs x 250°C	$\geq 200\%$
Heat shock	4hrs x 300°C	No cracking
Disruptive strength	IEC 60243	$\geq 15\text{kV/mm}$
Volume resistivity	IEC 60093	$1 \times 10^9 \Omega \cdot \text{cm}$
Flame resistance	UL 224 VW-1	Pass

Technical Data

Size		As Supplied	After Recovery		Tubing shape	Standard Package m/spool
Inch	mm	Internal Diameter (mm)	Internal Diameter	Wall Thickness		
3/32	2.4	≥ 2.4	≤ 1.2	0.70 ± 0.20	Round	200
1/8	3.2	≥ 3.2	≤ 1.6	0.76 ± 0.20	Round	200
3/16	4.8	≥ 4.8	≤ 2.4	0.89 ± 0.20	Round	100
1/4	6.4	≥ 6.4	≤ 3.2	0.89 ± 0.20	Round	100
3/8	9.5	≥ 9.5	≤ 4.8	0.89 ± 0.20	Round	50
1/2	12.7	≥ 12.7	≤ 6.4	0.89 ± 0.20	Flat	25
3/4	19.1	≥ 19.1	≤ 9.5	1.07 ± 0.30	Flat	25
1	25.4	≥ 25.4	≤ 12.7	1.25 ± 0.30	Flat	25
1-1/2	38.1	≥ 38.1	≤ 19.0	1.4 ± 0.30	Flat	25
2	50.8	≥ 50.8	≤ 25.4	1.65 ± 0.30	Flat	25

Standard color is black, other color can be customized