

## Flame-retardant Thermal Shrinkable Bushing



### Characteristics

Flame-retardant thermal shrinkable bushing boasts good flame retardation, insulation, softness, low temperature and fast shrinking. It is widely used in wire connection, welding protection, wire marking, the insulation protection of resistance and capacitor, the corrosion protection of metal bar or tubes, and the antenna protection.

Principle of thermal shrinkage: under the high energy radiation, the linear polymer can form network cross-linked structure. The mechanical strength, temperature, chemical solution and ageing resistance of cross-linked polymer are greatly improved, especially the acid and alkali resistance.

Safety Standard: UL224 VW-1 C-UL CSA C22-.2 OFT.

Color: Black, red, blue, white, yellow, green and transparent. And other colors are subject to the clients' needs.

Shrinking ratio: 2:1. Rated voltage: 600V.

Specification	Dimension before shrinking (mm)		Dimension after shrinking (mm)		Standard packaging (m/disc)	Application (mm)
	Internal diameter	Wall thickness	Internal diameter	Wall thickness		
Φ0.8	1.0±0.2	0.2±0.05	0.4±0.1	0.22±0.05	200	0.6~0.8
Φ1.0	1.4±0.3	0.2±0.05	0.4±0.1	0.28±0.05	200	0.75~0.9
Φ1.5	1.9±0.3	0.2±0.05	0.6±0.1	0.32±0.05	200	0.95~1.4
Φ2.0	2.4±0.3	0.25±0.05	0.9±0.1	0.35±0.05	200	1.1~1.8
Φ2.5	2.9±0.3	0.25±0.05	1.1±0.1	0.38±0.05	200	1.35~2.3
Φ3.0	3.4±0.4	0.25±0.05	1.4±0.1	0.40±0.05	200	1.6~2.7
Φ3.5	3.9±0.4	0.25±0.05	1.6±0.1	0.42±0.05	200	1.85~3.2
Φ4.0	4.5±0.4	0.25±0.05	1.8±0.1	0.45±0.05	200	2.1~3.6
Φ4.5	4.8±0.4	0.25±0.15	1.9±0.1	0.50±0.15	100	2.35~4.0
Φ5.0	5.4±0.4	0.25±0.15	2.3±0.1	0.55±0.15	100	2.6~4.5
Φ6.0	6.4±0.4	0.28±0.15	2.8±0.2	0.55±0.15	100	3.1~5.4
Φ7.0	7.4±0.4	0.28±0.15	3.3±0.2	0.55±0.15	100	3.7~3
Φ8.0	8.4±0.5	0.28±0.15	3.8±0.2	0.55±0.15	100	4.2~7.2
Φ9.0	9.4±0.5	0.30±0.15	4.3±0.2	0.55±0.15	100	4.7~8.0
Φ10	10.5±0.5	0.30±0.15	4.8±0.2	0.55±0.15	100	5.2~9.0
Φ11	11.5±0.5	0.30±0.15	5.3±0.2	0.60±0.15	100	5.7~10
Φ12	12.5±0.5	0.30±0.15	5.7±0.3	0.60±0.15	100	6.2~11
Φ13	13.5±0.5	0.33±0.15	6.2±0.3	0.60±0.15	100	6.7~2
Φ14	14.5±0.5	0.35±0.15	6.7±0.3	0.60±0.15	100	7.3~13
Φ15	15.5±0.6	0.38±0.15	7.2±0.3	0.65±0.15	100	7.8~14
Φ16	16.5±0.6	0.38±0.15	7.7±0.3	0.65±0.15	100	8.3~15
Φ17	17.5±0.6	0.38±0.15	8.2±0.3	0.65±0.15	100	8.8~16
Φ18	19.0±0.6	0.40±0.15	8.7±0.3	0.65±0.15	100	9.3~17
Φ20	21.0±0.8	0.40±0.20	9.7±0.3	0.75±0.20	100	10.4~19
Φ22	22.8±0.8	0.42±0.20	10.0±0.1	0.75±0.20	100	11.4~21
Φ25	25.8±0.8	0.45±0.20	11.0±0.1	0.75±0.20	50	12.8~24
Φ28	28.8±0.8	0.45±0.20	13.0±0.1	0.75±0.20	50	14.4~29
Φ30	30.8±0.8	0.45±0.20	14.0±0.1	0.75±0.20	50	16~29
Φ35	35.8±0.8	0.50±0.20	16.0±0.1	0.85±0.20	50	18~34
Φ40	42.0±1.0	0.50±0.20	19.0±0.1	0.85±0.20	50	21~39
Φ50	51.0±1.0	0.50±0.20	24.0±0.1	0.85±0.20	50	26~49
Φ60	61.0±1.0	0.65±0.20	29.0±0.1	0.85±0.20	25	35~55
Φ70	71.0±1.0	0.65±0.20	33.0±2.0	1.00±0.20	25	40~65
Φ80	81.0±1.0	0.65±0.20	37.0±2.0	1.00±0.20	25	45~75
Φ90	91.0±1.0	0.65±0.20	43.0±2.0	1.00±0.20	25	50~88
Φ100	102.0±2.0	0.65±0.20	48.0±2.0	1.00±0.20	25	55~95
Φ120	122.0±2.0	0.80±0.20	58.0±2.0	1.50±0.20	15	65~115
Φ150	152.0±2.0	0.80±0.20	73.0±2.0	1.50±0.20	15	80~145
Φ180	182.0±2.0	0.80±0.20	88.0±2.0	1.50±0.20	15	95~175

