

XL-1 Series Non-Halogen Flame-Retardant(Environment-friendly)

Thermal Shrinkable Bushing

Product legend



Characteristics:

- 1.XL-1 series non-halogen flame-retardant(environment-friendly)thermal shrinkable bushing boasts very good flame retardation and it does not contain halogen, so it will produce no hazardous gases when it is burnt, with low smoke and no drop.
- 2.It does not contain heavy metal and conforms to SGS standard.

Features and application:

1. Application:

XL-1 series(non-halogen flame-retardant environment-friendly)thermal shrinkable bushing uses excellent polymers to mix into the alloy in scientific composition and mechanical mixing. After being shaped, the products continue to undergo the radiation cross-link and continuous expansion with electronic accelerator. The products are characterized by softness, flame retardation, fast shrinkage and stable performance, which are widely used in wire connection, welding protection, wire end, wiring and electronic components protection and insulation treatment; the surface protection of spare parts of body-building equipments and steel structure; rust resistance and treatment of related products; and the marking of electrical wires and other products.

2. Features:

- (1) Eight heavy metals, and the halogen passes the SGS inspection.
- (2) Not contain organic tin compound [Fentin (Triphenyltin-)-chloride] asbestos, Azo compounds, and the material restricted for release: formaldehyde.
- (3) Application: -40°C~50°C
- (4) Initial shrinkage temperature: 70 °C ; super-thin fully shrinkage temperature: 105 °C ; and ordinary fully shrinkage temperature: 125 °C
- (5) Softness, flame retardation and good luster.
- (6) Complete specification: \varnothing 0.8~ \varnothing 180, and special specifications are subject to the orders.
- (7) Timely and large quantity of delivery.
- (8) Convenient use, it can be shrunk after being heated with oven and hot air gun.
- (9) The product complies with SonySS-00259, EU RoHS and other environmental standards.
Standard color: black, red, yellow, green, blue and white, and special colors are upon the customer needs.

Technical Data

Specification		Dimension before shrinking		Demension after shrinking		Standard packaging (m/disc)	Application (mm)
Inch	mm	Internal diameter	Wall thickness	Internal diameter	Wall thickness		
3/64	φ 0.8	0.9±0.2	0.20±0.05	0.40±0.1	0.32±0.05	200	0.6-0.8
1/16	φ 1.0	1.2±0.3	0.20±0.05	0.48±0.1	0.32±0.05	200	0.75-0.9
	φ 1.5	1.7±0.3	0.20±0.05	0.73±0.1	0.32±0.05	200	0.95-1.4
3/32	φ 2.0	2.2±0.3	0.25±0.05	0.98±0.1	0.32±0.05	200	1.1-1.8
	φ 2.5	2.6±0.3	0.25±0.05	1.23±0.2	0.35±0.05	200	1.35-2.3
1/8	φ 3.0	3.2±0.4	0.25±0.05	1.45±0.2	0.35±0.05	200	1.6-2.7
	φ 3.5	3.6±0.4	0.25±0.05	1.72±0.2	0.35±0.05	200	1.85-3.2
	φ 4.0	4.2±0.4	0.25±0.05	1.96±0.2	0.35±0.05	200	2.1-3.6
3/16	φ 4.5	4.6±0.4	0.25±0.05	2.20±0.2	0.35±0.05	200	2.35-4.0
	φ 5.0	5.2±0.4	0.25±0.05	2.48±0.2	0.35±0.05	200	2.6-4.5
1/4	φ 6.0	6.2±0.4	0.28±0.15	2.96±0.3	0.45±0.15	200	3.1-5.4
5/16	φ 7.0	7.2±0.4	0.28±0.15	3.48±0.3	0.45±0.15	100	3.7-3
	φ 8.0	8.2±0.5	0.28±0.15	3.95±0.3	0.45±0.15	100	4.2-7.2
3/8	φ 9.0	9.2±0.5	0.30±0.15	4.40±0.3	0.50±0.15	100	7.2-8.0
	φ 10	10.2±0.5	0.30±0.15	4.90±0.3	0.50±0.15	100	5.2-9.0
	φ 11	11.2±0.5	0.30±0.15	5.40±0.3	0.50±0.15	100	5.7-10
1/2	φ 12	12.2±0.5	0.30±0.15	5.90±0.3	0.50±0.15	100	6.2-11
	φ 13	13.2±0.5	0.33±0.15	6.40±0.5	0.50±0.15	100	6.7-12
	φ 14	14.2±0.5	0.35±0.15	6.90±0.5	0.50±0.15	100	7.3-13
5/8	φ 15	15.2±0.6	0.38±0.15	7.40±0.5	0.60±0.15	100	7.8-14
	φ 16	16.2±0.6	0.38±0.15	7.90±0.5	0.60±0.15	100	8.3-15
	φ 17	17.2±0.6	0.38±0.15	8.40±0.5	0.60±0.15	100	8.8-16
3/4	φ 18	18.2±0.6	0.40±0.15	8.90±0.5	0.60±0.15	100	9.3-17
	φ 20	20.2±0.8	0.40±0.20	9.90±0.5	0.70±0.20	100	11.4-19
	φ 22	22.2±0.8	0.42±0.20	10.80±1.0	0.70±0.20	100	12.4-21
1	φ 25	25.3±0.8	0.45±0.20	12.30±1.0	0.70±0.20	50	12.8-24
	φ 28	28.3±0.8	0.45±0.20	13.50±1.0	0.70±0.20	50	14.4-29
1-1/4	φ 30	30.2±0.8	0.45±0.20	14.70±1.0	0.70±0.20	50	16-29
	φ 35	35.2±0.8	0.50±0.20	17.30±1.0	0.80±0.20	50	18-34
1-1/2	φ 40	40.0±1.0	0.50±0.20	19.80±1.0	0.80±0.20	50	21-39
2	φ 50	50.0±1.0	0.50±0.20	24.80±1.0	0.80±0.20	50	26-49
	φ 60	60.0±1.0	0.60±0.20	29.80±1.0	0.80±0.20	25	35-55
	φ 70	70.0±1.0	0.65±0.20	34.00±2.0	1.00±0.20	25	40-65
3	φ 80	80.0±1.0	0.65±0.20	39.00±2.0	1.00±0.20	25	45-75

	$\phi 90$	90.0 ± 1.0	0.65 ± 0.20	44.00 ± 2.0	1.00 ± 0.20	25	50-88
4	$\phi 100$	100.0 ± 2.0	0.65 ± 0.20	49.00 ± 2.0	1.00 ± 0.20	25	55-95
5	$\phi 120$	120.0 ± 2.0	0.70 ± 0.20	59.00 ± 2.0	1.20 ± 0.20	25	65-115
6	$\phi 150$	150.0 ± 2.0	0.70 ± 0.20	74.00 ± 2.0	1.20 ± 0.20	25	80-145
7	$\phi 180$	180.0 ± 2.0	0.70 ± 0.20	88.00 ± 2.0	1.20 ± 0.20	25	95-175