

Medium thick wall heat shrinkable inner coated gose black



Features:

radiation crosslinked heat shrinkable medium wall thickness bushing is usually used for insulation protection of medium and low voltage electric power products and waterproof sealing of communication products. This kind of product has high mechanical strength and good wear resistance.

The inner wall of MPTC product is coated with spiral high performance hot melt adhesive, which has excellent adhesion and sealing effect after shrinkage.

MPT and MPTC are non-gummed and gummed products respectively.

The standard color is black and the length is 1122m.

Other colors and lengths can be customized according to customer requirements.

Product performance:

Size	As supplied (mm)		After Recovery (mm)		
	Inside diameter (D)	Total wall (T)	Max. inside diameter (d)	Total wall (t)	Adhesive wall
Φ2.4	2.8±0.4	0.40±0.15	1	0.85±0.25	0.35±0.10
Φ3.2	3.6±0.4	0.40±0.15	1	0.85±0.25	0.35±0.10
Φ4.7	5.1±0.4	0.40±0.15	1.5	1.05±0.25	0.45±0.10
Φ6.4	6.9±0.5	0.45±0.15	2	1.10±0.25	0.45±0.10
Φ7.9	8.4±0.5	0.55±0.20	2.5	1.45±0.25	0.45±0.10
Φ9.5	9.9±0.5	0.60±0.20	3	1.45±0.25	0.45±0.10
Φ10.5	11±0.6	0.60±0.20	3.5	1.45±0.25	0.45±0.10
Φ12.7	13.3±0.6	0.60±0.20	4	1.50±0.35	0.45±0.15
Φ15.7	16.4±0.7	0.65±0.25	5	1.70±0.40	0.45±0.15
Φ19.1	19.7±0.7	0.75±0.25	6	2.00±0.45	0.65±0.20

Φ25.4	25.9±0.7	0.75±0.25	8.4	2.00±0.55	0.65±0.20
Φ30.0	31.0±1.0	0.80±0.30	10	2.20±0.55	0.75±0.20
Φ40.0	41.0±1.0	0.85±0.35	13.7	2.50±0.55	1.00±0.25
Φ50.0	51.0±1.0	0.85±0.35	16.5	2.50±0.55	1.00±0.25

good insulation, environmental sealing, impact resistance and wear resistance. Used for protection and waterproof sealing of power cable joint and communication cable joint. Color: red, yellow, green (special color can be customized).

Shrinkage ratio:

3:1 shrinkage ratio makes the product suitable for the protection of irregular parts and large joints

Specifications

Item	Test method	Specifications
Radial shrinkage	UL224	≥50%
Longitudinal shrinkage	UL224	0~10%
Tensile strength	ASTM D2671	≥10.4MPa
Elongation at break	ASTM D2671	≥200%
Aging in circulating-air oven	158°C±1.0°C/168h	-
Tensile strength after aging	ASTM D2671	≥7.3MPa
Elongation at break after aging	ASTM D2671	≥100%
Volume resistivity	ASTM D876	≥1.0x10 ¹⁴ Ω · cm
Dielectric voltage	ASTM D2671	2500V, 60s, no cracking
Water absorption	ASTM D570	≤1.0%

Features

- This dual wall heat shrink tubing has minimum shrink temperature of 80°C and a minimum full recovery temperature of 125°C.
- This heat shrink tube is compliant with UL224 and VW-1 certifications. The approval number is E180908.