



CUSTOM ELECTRICAL INSULATION

HEAT SHRINK TUBING FAMILY

Technical data sheet - polyolefin / PVC / dual wall heat shrink tubing range

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ISO 9001

OEM / ODM

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XR-H双壁热缩套管 XR-H Dall HEAT SHRINKABLE TUBES

产品描述 Product description

- ① 双壁热收缩套管内层附有热熔胶的半柔性热缩管,外层是由辐射交联聚烯烃组成,内层是专门设计的胶性内壁; 加热时内壁熔融,并随外壁收缩填充孔隙或缝隙,冷却后,双壁管壁厚均匀,结实.

② 阻燃级别: UL224 VW-1

③ 产品具有低温收缩、柔软、阻燃、防水防潮、耐油耐酸等优点.

④ 产品收缩比率:2:1 3:1 4:1
- ① Low double-wall heat-shrinkable sleeve lining with hot melt adhesive half flexible heat shrinkable tube, the outer layer is composed of radiation crosslinked polyolefin, the inner layer is a specially designed rubber lining; When heated in Wall melt, and the outer wall or contraction pore filling aperture, after cooling, double-wall pipe wall thickness, strong.

② Low level of flame retardant: UL224 VW - 1

③ Low product has low temperature shrinkage, soft, flame retardant, waterproof, oil resistance, etc.

④ Low product shrinkage ratio: 2:1 3:1 4:1



产品用途 Product use

本产品广泛应用于电子设备的接线防水,电线分支处的密封固定,金属管线的防腐保护,以及防止由高分子链松弛产生的松动和脱落,如水下灯饰,汽车刹车油管,高级线束的防腐保护.

This product is widely used in electronic equipment wiring is waterproof, the seal fixed wire branch, metal pipeline corrosion protection, and prevent from polymer chain relaxation of pine And falling out, under water lighting, automobile brake pipe, the wire and advanced anti-corrosion protection.

性能指标 Performance indicators

性能Properties	特性要求(Specification Requirement)
物理性能(Physical)	
收缩温度(Shrink Temperature)	90-110 ℃
适用温度(Continuous Operating Temperature)	-55 ℃ ~125 ℃
老化后抗张强度(Tensile strength after aging)	10.4Mpa
老化后断裂伸长率(Elongation after aging)	>200%
收缩比率(Radial Shrinking Ratio)	33%(3:1) OR 25%(4:1)
纵向收缩(Longitudinal Shrinking Ratio)	< ±15%
电气性能(Electrical)	
绝缘耐压(Dielectric Voltage withstan)	≥2500V
体积电阻率(Volume resistivity)	≥10 14 Ω .CM
化学性能 (Chemical)	
铜腐蚀性(Corrosion)	不被侵蚀(NO corrosion)
耐油性(Copper stability)	卓越性能(Good to Excellent)
阻燃性(Flammability)	VW-1

规格 SIZE	扩张后尺寸 (Sides after spreading)				自由收缩后尺寸 (Sides after freedly shrink)					
	最小内径 Mininside diameter		壁厚 Wall thickness		最小内径 MAX Wall		总壁厚 Sum wall thickness		胶层厚度 JC wall thickness	
	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH
1/8	3.2	0.125	0.57	0.016	1.00	0.039	1.00±0.28	0.039±0.010	0.50	0.020
3/16	4.8	0.187	0.57	0.016	1.50	0.059	1.00±0.28	0.039±0.010	0.50	0.020
1/4	6.4	0.250	0.57	0.016	2.00	0.079	1.00±0.28	0.039±0.010	0.50	0.020
3/8	9.5	0.375	0.64	0.016	3.00	0.118	1.00±0.28	0.055±0.010	0.61	0.024
1/2	12.7	0.500	0.80	0.016	4.00	0.157	1.78±0.38	0.070±0.010	0.76	0.030
3/4	19.1	0.750	0.93	0.020	6.00	0.236	2.25±0.55	0.088±0.020	0.76	0.030
1	25.4	1.000	1.00	0.020	8.00	0.315	2.54±0.55	0.100±0.020	1.02	0.040
1-1/4	30.0	1.200	1.20	0.025	10.00	0.394	2.54±0.55	0.100±0.020	1.02	0.040

● 特殊尺寸可订制 Special size can be customized