

C-14 200℃ 氟橡胶热缩套管
High Temperature, Fluoroelastomer Heat Shrinkable Tubing



产品特性:

- 耐高温，高阻燃
- 耐磨损
- 在高温下耐腐蚀
- 径向收缩比：2:1，轴向收缩率≤10%
- 收缩温度：开始收缩温度110℃，完全收缩温度200℃
- 工作温度：-55℃~200℃
- 管体柔韧

Features:

- High temperature, highly flame retardant
- Highly abrasion resistant
- High withstand to corrosive fluids in extreme temperatures
- 2:1 shrink ratio (Radial change), shrink ratio in longitudinal≤10%
- Min. shrink temperature: 110℃; Full recovery temperature: 200℃
- Continuous Operating Temperature: -55℃~200℃
- Very flexible



FLAME
RETARDANT
阻燃



SHRINK
RATIO 2:1
收缩比 2:1

用途:

高温有油环境电子元件的保护；电阻电容器、热电偶的绝缘及保护；各种金属线类的机械保护；电线末端、接续、端子的绝缘、保护和补强。

Applications:

Especially suitable for use in electronic systems and engine components in automotive, military/aerospace and industrial applications requiring outstanding heat and fluid resistance

技术指标 Performance

项目 Items	性能 Property	指标 Requirements	典型值 Typical Performance	测试标准 Test Method
机械性能 Mechanical	拉伸强度 Tensile Strength	>12Mpa	>12Mpa	ASTM D2671
	断裂伸长率 Ultimate elongation	≥250%	430%	ASTM D2671
	老化后断裂伸长率 (250℃/168hrs) Ultimate elongation after Heat Aging (250℃/168hrs)	≥200%	250%	ASTM D2671
	热冲击(300℃/4hrs) Heat Shock(300℃/4hrs)	Pass	No dripping	ASTM D2671
	低温柔韧性(-55℃/4hrs) Low Temperature Flexibility(-55℃/4hrs)	Pass	Pass	ASTM D2671
电性能 Electrical	介电强度 Dielectric Strength	≥25kV/mm	> 25kV/mm	ASTM D2671
	体积电阻率 Volume Resistivity	≥10 ¹⁴ Ω .cm	>10 ¹⁸ Ω .cm	ASTM D 257
化学性能 Chemical	铜腐蚀(250℃/168hrs) Copper Corrosion(250℃/168hrs)	No Corrosion	Pass	ASTM D2671
	铜稳定(121℃/168hrs) Stability(121℃/168hrs)	Elongation>70%	Pass	UL224
	阻燃性能 Flammability		Highly Flame Retardant	ASTM D2671
	吸水率 Water Absorption	<0.5%	<0.5%	ASTM D570
	抗真菌性 Fungus Resistance		Very Good	ISO 846

规格尺寸 Dimensions

规 格 ORDER REF.Size			内 径 Inside Diameter				完全收缩后平均壁厚 Recovered Wall Thickness After Heating(NOM)	
			收缩前最小内径 Minimum Expanded as Supplied		收缩后最大内径 Maximum Recovered After Heating			
mm	Inch	*Z9规格	mm	inch	mm	inch	mm	inch
1.2	3/64	FJ/1	1.20	0.047	0.60	0.024	0.25±0.1	0.010±0.004
1.6	1/16	FJ/2	1.60	0.063	0.80	0.032	0.25±0.1	0.010±0.004
2.4	3/32	FJ/3	2.40	0.094	1.20	0.047	0.25±0.1	0.010±0.004
3.2	1/8	FJ/4	3.20	0.126	1.60	0.063	0.25±0.1	0.010±0.004
4.8	3/16	FJ/5	4.80	0.189	2.40	0.095	0.30±0.1	0.012±0.004
6.4	1/4	FJ/6	6.40	0.252	3.20	0.126	0.30±0.1	0.012±0.004
9.6	3/8	FJ/7	9.60	0.378	4.80	0.189	0.30±0.1	0.012±0.004
12.8	1/2	FJ/8	12.80	0.504	6.40	0.252	0.30±0.1	0.012±0.004
19	3/4	FJ/9	19.00	0.748	9.50	0.374	0.40±0.1	0.016±0.004
25.4	1	FJ/10	25.40	1.000	12.70	0.500	0.50±0.1	0.020±0.004
38	1 1/ 2	FJ/11	38.00	1.496	19.00	0.748	0.50±0.1	0.020±0.004

备注：Z9是指航空航藏工业部直九标准 Z9-0753-91。