

技术数据书



热缩套管 (无卤素) 产品编号: 2S1

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UL FILE #E176865

安规标准: UL224 VW-1, C-UL CSA C 22.2 OFT

产品编号: 2S1@@-xx.x (@@ - 说明套管颜色 例如 BK=黑色 WH=白色 YE=黄色 RD=红色 GR=绿色 BL=蓝色; xx.x -说明扩大内径由 1mm x 50mm)

说明: **BC TUBE** 2S1 系列 无卤环保阻燃热缩套管采用优质高聚物, 经科学配方、机械共混成高聚物合金我, 产品成型后经电子加速器辐照交联、连续扩张而成, 产品具有环保、柔软、阻燃、收缩快、性能稳定等优点, 广泛应用于电线连接、焊点保护、电线端部、线束及电子元器件的防护和绝缘处理; 健身器材零部件和钢结构表面防护; 相关产品的防锈、防腐处理; 电线和其他产品的标识等。

特点:

- 1、 八大有害元素、卤素元素通过 SGS 检测;
- 2、 不含有机锡化物 (三丁基锡类/三苯基锡类), 石棉 (asbestos)、烟雾剂 (Azo compounds) 及限制其释放的物质-甲醛;
- 3、 适用范围: -55°C-125°C;
- 4、 起始收缩温度 70°C, 超薄型完全收缩温度 110°C, 普通型完全收缩温度 120°C, 收缩率±5%;
- 5、 柔软、阻燃;
- 6、 规格齐全, ϕ 0.8~ ϕ 18.0, 并可订制特殊规格;
- 7、 使用方便, 用烘箱和热风枪即可收缩;
- 8、 环保性能符合 Sony 与欧盟 RoHs 等环保标准;
- 9、 标准颜色 黑、白、红、黄、绿、蓝为基本颜色, 常备库存, 其他颜色不备库存, 需定做。

性能特性:

	性能	测试方法	性能	
物理特性	拉伸强度 (MPa)	ASTM D2671	≥10.4	
	断裂伸长率 (%)	ASTM D2671	≥200	
	热老化后拉伸强度 (MPa)	UL224 158°C x 168hr	≥7.3	
	热老化后断裂伸长率 (%)	UL224 158°C x 168hr	≥100	
	耐热冲击	UL224 250°C x 4hr	不发粘 不龟裂	
电气特性	击穿强度	IEC243	≥15 KV/mm	
	耐压	300V	UL224	1500V 不击穿
		600V	UL224	2500V 不击穿
	体积电阻率(Ω .cm)	IEC93	> 1 x 10 ¹⁴ Ω *cm	
化学特性	抗腐蚀性	UL224 158°C x 168hr	合格	
	铜兼容性	UL224 158°C x 168hr	合格	
	阻燃性	UL224	VW-1	

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以上仅供参考, 如与英文版有歧异之处, 一切内容以英文版为准



產品規格

尺寸		收缩前	收缩后		标准包装
Inch	mm	内径 mm	内径 最大 mm	壁厚 标清 mm	每盘长度 米/盘
3/64	0.8	1.1±0.2	0.50	0.22	200
1/16	1.0	1.5±0.2	0.65	0.28	200
	1.5	2.0±0.2	0.85	0.32	200
3/32	2.0	2.5±0.2	1.00	0.35	200
	2.5	3.0±0.2	1.30	0.38	200
1/8	3.0	3.5±0.2	1.50	0.40	200
	3.5	4.0±0.2	1.80	0.42	200
	4.0	4.5±0.2	2.00	0.45	200
3/16	4.5	5.0±0.2	2.30	0.50	200
	5.0	5.5±0.2	2.5	0.55	100
1/4	6.0	6.5±0.2	3.0	0.55	100
5/16	7.0	7.5±0.3	3.5	0.55	100
	8.0	8.5±0.3	4.0	0.60	100
3/8	9.0	9.5±0.3	4.5	0.60	100
	10.0	10.5±0.3	5.0	0.60	100
	11.0	11.5±0.3	5.5	0.60	100
1/2	12.0	12.5±0.3	6.0	0.60	100
	13.0	13.5±0.3	6.5	0.65	100
	14.0	14.5±0.3	7.0	0.65	100
5/8	15.0	15.5±0.4	7.5	0.70	100
	16.0	16.5±0.4	8.0	0.70	100
	17.0	17.5±0.4	8.5	0.70	100
3/4	18.0	19.0±0.5	9.0	0.80	100
	20.0	21.0±0.5	10.0	0.80	100
	22.0	23.0±0.5	11.0	0.80	100
1	25.0	26.0±0.5	12.5	0.90	50
	28.0	29.0±0.5	14.0	0.90	50
1-1/4	30.0	31.5±1.0	15.0	0.95	50
	35.0	36.5±1.0	17.5	1.00	50
1-1/2	40.0	41.5±1.0	20.0	1.00	50
	45.0	46.5±1.0	22.5	1.00	25
2	50.0	≥ 50	25.0	1.00	25
	60.0	≥ 60	31.0	1.30	25
	70.0	≥ 70	36.0	1.30	25
3	80.0	≥ 80	41.0	1.46	25
	90.0	≥ 90	46.0	1.46	25
4	100.0	≥ 100	51.0	1.46	25
5	120.0	≥ 120	61.0	1.56	25
6	150.0	≥ 150	76.0	1.56	25
7	180.0	≥ 180	91.0	1.56	25

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