Shrivox

Flexible High-Voltage Resistant Busbar Heat Shrink Tubing
柔软型耐高压母排热缩管

柔韧阻燃，多色识别，高压母排专用
Flexible & Flame Retardant, Multi-Color Identification, For High Voltage Busbar

该产品专为10kV和35kV母排的绝缘保护设计，采用柔软材质，具备优良的柔韧性和阻燃性能。多色可选，方便母排分色识别，易于贴合各种形状的直线或弯曲母排，为高压系统提供持久、安全的保护。其环保和高适应性的特点，使其成为高压场合理想的柔性绝缘方案。

This product is designed for insulation protection of 10kV and 35kV busbars, featuring a soft and flexible material with excellent flame retardancy. Available in multiple colors for easy identification, it conforms seamlessly to both straight and bent busbars, providing durable and reliable protection in high-voltage systems. Its environmentally friendly and highly adaptable properties make it an ideal flexible insulation solution for demanding applications.

产品特性与优势 Features and benefits

性能 Property	指标要求 Requirement	测试方法 Test Method	典型值 Typical Data
操作温度范围 Operating Temperature	/	/	-55°C to +125°C
最低收缩温度 Min. Shrink Temperature	/	/	+84°C
完全收缩温度 Full recovery temperature	/	/	+120 °C
抗张强度 Tensile strength	≥8 Mpa	IEC 60684	通过 Pass
断裂伸长率 Elongation at break	≥400%	IEC 60684	≥400%
老化后的抗张强度 Tensile strength after aging	≥6.4 Mpa	150℃×168h	≥6.4 Mpa
老化后断裂伸长率 Elongation at break after aging	≥200%	150℃×168h	≥200%
热冲击 Heat shock	无裂痕 No Cracking	225℃×4h	无裂痕 No Cracking
耐低温性能 Low Temperature Resistance	无裂痕 No Cracking	-40℃×4h	无裂痕 No Cracking
阻燃性 Flame Retardancy	通过 Pass	IEC 60684	通过 Pass
绝缘强度 Dielectric strength	≥20kV/mm	IEC 60684	≥20kV/mm
体积电阻率 Volume resistivity	≥4.3×10^{14}Ω·cm	IEC 60684	≥4.3×10^{14}Ω·cm
耐电痕 Tracking Resistance	无裂痕 No Cracking	IEC 60684 (2.5kV, 60min)	无裂痕 No Cracking

- 收缩比2.5:1
- 柔软高弹，适用于10kV/35kV母排
- 优良阻燃，多色可选，易于识别
- 适应各种形状，持久安全保护
- 环保材料，RoHS认证，耐高低温

- Shrink ratio 2.5:1
- Soft and flexible, for 10kV/35kV busbars
- Excellent flame retardancy, multiple colors for identification
- Conforms to various shapes, durable protection
- Environmentally friendly, RoHS compliant, wide temperature range

符合标准 Standards
- RoHS;
- REACH;

颜色 COLOR

https://www.hzdingyuan.cn/

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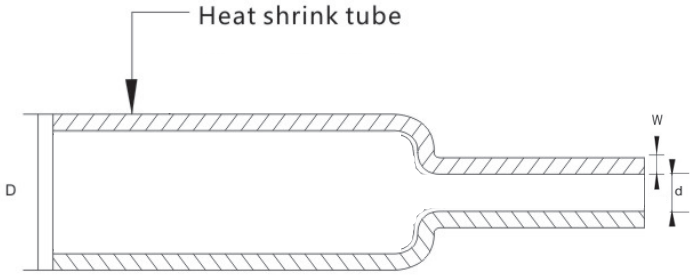

10kV母排热缩管规格表
Specification Table for 10kV Busbar Heat Shrink Tubing

编号 Part No.	规格 Size (Φ mm)	适用母排 (方形/圆形) Applicable Busbar (Rectangular/Round) (mm)	收缩前 As supplied (mm)	收缩后 After recovered(mm)		标准长度 Standard length (m/roll)
			内径 I.D.(D)	最大内径 I.D.max (d)	壁厚 W.T (w)	
Shrivox-F-10-15	15	15/12	15±0.8	≤6	2.50±0.20	25
Shrivox-F-10-20	20	20/15	20±0.8	≤8	2.50±0.20	25
Shrivox-F-10-25	25	25/18	25±0.8	≤10	2.50±0.20	25
Shrivox-F-10-30	30	30/20	30±0.8	≤12	2.50±0.20	25
Shrivox-F-10-40	40	40/30	40±1.0	≤16	2.80±0.30	25
Shrivox-F-10-50	50	50/35	≥50	≤20	2.80±0.30	25
Shrivox-F-10-60	60	60/45	≥60	≤24	2.80±0.30	25
Shrivox-F-10-70	70	70/50	≥70	≤28	2.80±0.30	25
Shrivox-F-10-80	80	80/55	≥80	≤32	2.80±0.30	25
Shrivox-F-10-100	100	100/75	≥100	≤40	2.80±0.30	25
Shrivox-F-10-120	120	120/85	≥120	≤48	2.80±0.30	25
Shrivox-F-10-150	150	150/105	≥150	≤60	2.80±0.30	25
Shrivox-F-10-180	180	180/120	≥180	≤72	2.80±0.30	25

35kV母排热缩管规格表
Specification Table for 10kV Busbar Heat Shrink Tubing

编号 Part No.	规格 Size (Φ mm)	适用母排 (方形/圆形) Applicable Busbar (Rectangular/Round) (mm)	收缩前 As supplied (mm)	收缩后 After recovered(mm)		标准长度 Standard length (m/roll)
			内径 I.D.(D)	最大内径 I.D.max (d)	壁厚 W.T (w)	
Shrivox-F-35-30	30	30	30±1.0	≤12	4.0±0.3	15
Shrivox-F-35-35	35	30/40	35±1.0	≤14	4.0±0.3	15
Shrivox-F-35-40	40	40	40±1.0	≤16	4.0±0.3	15
Shrivox-F-35-50	50	50	50±2.0	≤20	4.0±0.3	15
Shrivox-F-35-60	60	60	60±3.0	≤24	4.0±0.3	15
Shrivox-F-35-70	70	70	70±3.0	≤28	4.0±0.3	15
Shrivox-F-35-80	80	80	80±4.0	≤32	4.0±0.3	15
Shrivox-F-35-100	100	100	100±4.0	≤40	4.0±0.3	15
Shrivox-F-35-120	120	120	120±4.0	≤48	4.0±0.3	15
Shrivox-F-35-150	150	150	150±4.0	≤60	4.0±0.3	15
Shrivox-F-35-180	180	180	180±5.0	≤72	4.0±0.3	15

接受特殊尺寸及颜色定制需求，技术参数如有变更，恕不另行通知。最低订购量（MOQ）可能与包装数量有所不同。
Custom sizes and colors are available upon request. Technical specifications are subject to change without prior notice. Minimum order quantities (MOQ) may differ from standard packaging quantities.

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