



## 产品特点/ Product Features

- 工作温度-40℃~150℃  
Working Temperature
- 易于安装  
Easy to Install
- 高覆盖率  
High Coverage
- 耐磨且柔软  
Wear Resistant and Soft
- 轻巧灵活  
Lightweight and Very Flexible
- 防尘  
Dust-proof function
- 高压识别  
Identify High Voltage

**ST2101** 由聚酯单丝与复丝纺织而成，兼具柔软性、耐磨性与防尘性。开口设计方便安装及维护。紧密结构能为关键部件提供高水平的保护能力。

**ST2101** is made of polyester monofilament and multifilament, combining flexibility, wear resistance and dust resistance. The open design facilitates installation and maintenance. The dense structure provides a high level of protection for key components.

## 产品应用 /Applications

ST2101广泛用于新能源汽车高压线束保护。橙色通常用于标识高压电缆。

ST2101 is widely used for the protection of high voltage wire harnesses of new energy vehicles. The orange color is usually used to identify high voltage cables.

我们的工厂已通过 ISO 9001、IATF 16949、ISO 14001、ISO 45001 和 军工 GJB9001C 认证。

Our manufacturing site has been certified by ISO 9001, IATF 16949, ISO 14001, ISO 45001 and military GJB9001C.

# 性能参数/Performance specifications

检测项目 Test Item	测试方法 Test Method	测试结果 Test Results
热老化后冲击试验 Impact test after thermal aging	175℃, 336小时 175℃, 336 hours	无开裂或断裂 No cracking or fracture.
低温弯折测试 Low temperature bending test	-40℃, 4小时 -40℃, 4 hours	无开裂或断裂 No cracking or fracture.
耐磨测试 Abrasion test	ISO6722-1	等级4, ≥5000次 Class 4, ≥5000次
阻燃性测试 Flammability	FMVSS 302	自熄 Self extinguishes.
抗流体及化学试剂测试 Fluid resistance and chemical test	D47 1924	无褪色, 未分解 No fading, no decomposition.
热弯折试验 Hot bending test	套管绕柱折 180°, 悬 1KG 砝码, 放 175℃ 高温箱内 3 小时, 常温观察。 Bend the sleeve 180° around a column, hang 1kg weights on both ends, put it in a 175℃ oven for 3 hours, then take it out to room temperature and check visually.	无破损或扭曲 No damage or distortion.

上述所有测试参数值均为典型值。产品测试报告请详询销售代表。

All the above test parameter values are typical values. For specific product test reports, please consult your sales representative.

## 产品规格/Specifications

型号 Part No.	名义直径 Nominal I.D. (mm)	适用范围 Applicable Range (mm)	包装长度 Reel Length (m/reel)	货号 Art. No.
ST21010514	5	4~6	200	PC-005-OR
ST21010814	8	7~9	100	PC-008-OR
ST21011014	10	9~11	100	PC-010-OR
ST21011314	13	11~15	100	PC-013-OR
ST21011614	16	15~18	100	PC-016-OR
ST21011914	19	18~23	50	PC-019-OR
ST21012514	25	23~28	50	PC-025-OR
ST21012914	29	28~31	25	PC-029-OR
ST21013214	32	31~34	25	PC-032-OR
ST21013814	38	34~42	25	PC-038-OR

\*可根据要求裁切固定长度/It can be cut to a fixed length as required.

\*可根据要求订做其它尺寸/Other sizes can be customized upon request.

ELV



HF RoHS  
COMPLIANT

**MXTech**  
Sleeving Products

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