Orange Adhesive Textile Self-closing Wrap

CR-BS-4006 · Braided Sleeving Series



Description

CR-BS-4006 is made of polyester monofilaments and multifilaments, which are spun and then coated with glue.

Product Features

- Working Temperature
- Wrap-free Tape
- High-pressure Identification
- Superior Abrasion Resistance

Standard / Certification

ISO 6722-1 · FMVSS 302

Performance Parameter

Test Items	Test Method	Test Results
Impact test after thermal aging	175°C, 336 hours	No cracking or fracture.
Low temperature bending test	−40°C, 4 hours	No cracking or fracture.
Abrasion test	ISO 6722-1	Class 4, ≥5000 times
Flammability	FMVSS 302	Self extinguishes.
Fluid resistance and chemical test	D47 1924	No fading, no decomposition.
Hot bending test	Bend the sleeve 180° around a column, hang 1kg weights on both ends, put it in a 175°C oven for 3 hours, then take it out to room temperature and check visually.	No damage or distortion.

Specifications

Part No.	Nominal I.D. (mm)	Thickness (mm)	Reel Length (m/reel)
CR-BS-40061014	10	0.6 ± 0.15	100
CR-BS-40061314	13	0.6 ± 0.15	100
CR-BS-40061614	16	0.6 ± 0.15	100
CR-BS-40061914	19	0.6 ± 0.15	50
CR-BS-40062514	25	0.6 ± 0.15	50
CR-BS-40062914	29	0.6 ± 0.15	25

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Notes

- All the above test parameter values are typical values. For specific product test reports, please consult your sales representative.
- It can be cut to a fixed length as required.
- Other sizes can be customized upon request.

Product Advantages

- It operates reliably across a wide temperature range from –40°C to 150°C, adapting to both extremely cold and high-temperature conditions.
- After bending at –40°C for 4 hours, no cracking or fracture occurs — outstanding low-temperature flexibility.
- Flame-retardant rating passes FMVSS 302 test with self-extinguishing performance — excellent fire safety.
- Hot bending test at 175°C (180° around column, 1kg weight, 3 hours) shows no damage or distortion — structurally stable under high temperature.
- Custom lengths and sizes are available to meet diverse project requirements.
- After aging at 175°C for 336 hours, the impact test shows no cracking or fracture — stable and reliable performance.
- Abrasion resistance meets ISO 6722-1 Class 4 standard with ≥5000 abrasion cycles — outstanding mechanical protection.
- Fluid and chemical resistance passes D47 1924 test with no fading or decomposition — reliable chemical resistance.
- With a thickness of only 0.6mm, the lightweight design adds minimal volume to wire harnesses while providing reliable protection.

Application Scenarios

- It is widely used for protecting high-voltage wire harnesses in automobiles, making it an ideal choice for new energy vehicle high-voltage systems.
- It is suitable for wrapping and protecting high-voltage harnesses inside EV battery packs.
- It provides abrasion-resistant protection for motor drive system and electronic control unit wire harnesses.
- It is applicable for complete wrapping and protection of automotive charging interface wire harnesses.
- It manages and protects in-vehicle high-voltage cables, facilitating identification and maintenance.
- It supports custom cutting to fit various high-voltage harness project specifications.