Sound Absorption Self-closing Wrap

CR-BS-7003 · Braided Sleeving Series



Description

CR-BS-7003 is made by hybrid braiding of polyester monofilaments and multifilaments. This product can effectively reduce noise generated by wire harness vibration and it's good wear resistance helps prolong the service life of wire harnesses. Meanwhile, it'

Product Features

- Working Temperature
- Excellent Noise Suppression
- Abrasion Resistance
- Lightweight

Standard / Certification

ISO 9001 · IATF 16949 · ISO 14001 · ISO 45001 · GJB9001

Performance Parameter

Test Items	Test Method	Test Results
Heat ageing test	175°C, 240hours	No damage.

Specifications

Part No.	Nominal I.D. (mm)	Applicable Range (mm)	Reel Length (m/reel)
CR-BS-70031001	10	10~11	100
CR-BS-70031301	13	12~14	100
CR-BS-70031601	16	15~17	100
CR-BS-70031901	19	18~22	50
CR-BS-70032501	25	23~28	50
CR-BS-70033201	32	29~35	25

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.

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Product Advantages

- CR-BS-7003 is made by hybrid braiding of polyester monofilaments and multifilaments, with a flexible structure that conforms to wire harnesses and effectively absorbs and reduces vibration-induced noise.
- With an operating temperature range of -40°C to 150°C, it adapts to both low-temperature environments and the higher temperatures near the engine compartment.
- The braided structure provides superior abrasion resistance, effectively protecting against mechanical friction and external scraping, extending harness service life.
- After heat ageing at 175°C for 240 hours, it shows no damage, ensuring stable and reliable performance in long-term high-temperature environments.
- The manufacturing site is certified to ISO 9001, IATF 16949, ISO 14001, ISO 45001, and military GJB9001C standards, ensuring reliable product quality.
- The self-closing design enables quick installation and removal without tools or additional tape, greatly improving wiring and maintenance efficiency.
- Excellent noise suppression significantly reduces harness vibration and friction rattling, improving the NVH performance of vehicles and equipment.
- Lightweight material adds no extra weight or volume to wire harnesses after wrapping, suitable for weight-sensitive projects.
- Available in 6 sizes from Φ10mm to Φ32mm, covering wire diameters from 10mm to 35mm, with customization available per requirement.

Application Scenarios

- It is widely used for noise reduction and protection of automotive engine compartment wire harnesses, suppressing rattling of harnesses in high-temperature zones.
- It is suitable for complete wrapping of new energy vehicle high-voltage harnesses, providing both noise reduction and abrasion protection.
- It provides silent protection for precision wire harnesses in industrial automation equipment, reducing equipment operating noise.
- It is applicable for NVH optimization of in-vehicle wire harnesses, improving driving comfort and quietness.
- It is used for bundling and protecting wire harnesses in machinery and machine tools, reducing friction noise and extending service life.
- It supports cutting to fixed lengths or customizing other sizes, flexibly adapting to various harness projects.