Knitted Self-closing Wrap

CR-BS-4010 · Braided Sleeving Series



Description

CR-BS-4010 is knitted from PET monofilament and multifilament. It has good abrasion resistance and noise reduction performance. The open structure makes it easy to install and remove.

Product Features

- Working Temperature
- Easy to Install
- Abrasion Resistance
- Dustproof and Noise Reduction Function

Standard / Certification

FMVSS 302 · ISO 9001 · IATF 16949 · ISO 14001 · ISO 45001 · GJB9001

Performance Parameter

Test Item	Test Method	Test Results
Heat ageing test	175°C, 336 hours	No cracking or fracture.
Flammability	FMVSS 302	Pass

Specifications

Part No.	Nominal I.D. (mm)	Thickness (mm)	Reel Length (m/reel)	Art. No.
CR-BS-40100601	6	1.0 ± 0.2	200	PK-006
CR-BS-40100801	8	1.0 ± 0.2	100	PK-008
CR-BS-40101001	10	1.0 ± 0.2	100	PK-010
CR-BS-40101301	13	1.0 ± 0.2	100	PK-013
CR-BS-40101601	16	1.0 ± 0.2	50	PK-016
CR-BS-40101901	19	1.0 ± 0.2	50	PK-019
CR-BS-40102501	25	1.0 ± 0.2	50	PK-025
CR-BS-40102901	29	1.0 ± 0.2	25	PK-029
CR-BS-40103201	32	1.0 ± 0.2	25	PK-032
CR-BS-40103801	38	1.0 ± 0.2	25	PK-038
CR-BS-40104501	45	1.0 ± 0.2	25	PK-050

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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

- CR-BS-4010 is knitted from PET monofilament and multifilament, offering a soft and lightweight structure that adds no extra volume to wire harnesses while maintaining good flexibility.
- With an operating temperature range of -50°C to 150°C and excellent low-temperature resistance, it adapts to conditions from extreme cold to high heat near the engine compartment.
- It features dustproof and noise-reduction functions, reducing rattling caused by harness-to-harness or harness-to-component friction and improving overall vehicle NVH performance.
- After heat ageing at 175°C for 336 hours, it shows no cracking or fracture, 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 open-knit structure allows easy installation and removal — it closes completely without tools or additional tape, greatly improving wiring and maintenance efficiency.
- The knitted structure provides superior abrasion resistance, effectively protecting against mechanical friction and external scraping, extending harness service life.
- Flammability passes the FMVSS 302 test and meets the requirement — self-extinguishing after flame removal, enhancing the fire safety of the harness system.
- Available in 10 sizes from Φ6mm to Φ45mm with complete part numbers, and customizable in size and cut length per project requirements.

Application Scenarios

- It is widely used for automotive wire harness protection, especially for flexible wrapping and noise reduction of harnesses near the engine compartment and inside the vehicle cabin.
- It is suitable for bundling and protecting wire harnesses inside communication equipment, where the knitted structure facilitates later inspection and expansion.
- It provides abrasion-resistant and noise-reducing protection for wire harnesses in railway and rail transit vehicles, meeting stringent industry operating standards.
- It is applicable as outer protection for industrial pipes and hoses, resisting abrasion and dust erosion.
- It is used for bundling and protecting wire harnesses in machinery and automated production lines, reducing operating noise and improving tidiness.
- It supports cutting to fixed lengths or customizing other sizes, flexibly adapting to various harness and conduit projects.