Braided Self-closing Wrap

CR-BS-4009 · Braided Sleeving Series

Description

CR-BS-4009 is made of polyester monofilament and multifilament. It has good wear resistance, heat dissipation performance and is easy to install and remove.

Product Features

- Working Temperature
- Excellent Heat Dissipation Performance
- Cut & Abrasion Resistant
- Resists Gasoline, Engine Chemicals
- ⩾25% Edge Overlap



Standard / Certification

ISO 6722-1 · FMVSS 302

Performance Parameter

Test Items	Test Method	Test Results
Low temperature resistance test	−40°C, 4 hours	No brittle cracking or degradation.
Heat aging resistance test	175°C, 240 hours	No brittle cracking or degradation.
Flammability test	FMVSS 302	< 100mm/min
Abrasion test	ISO 6722-1	times

Specifications

Part No.	Nominal I.D. (mm)	Applicable Range (mm)	Reel Length (m/reel)	Art. No.
CR-BS-40090501	5	4~6	200	PT-005
CR-BS-40090801	8	7~9	100	PT-008
CR-BS-40091001	10	10~11	100	PT-010
CR-BS-40091301	13	12~14	100	PT-013
CR-BS-40091601	16	15~17	100	PT-016
CR-BS-40091901	19	18~22	50	PT-019
CR-BS-40092501	25	23~28	50	PT-025
CR-BS-40093201	32	29~35	25	PT-032
CR-BS-40093801	38	36~45	25	PT-038
CR-BS-40095001	50	46~54	25	PT-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

- **Wide Temperature Range: -40℃ ~ +150℃**
  Passes -40℃ / 4h low-temperature and 175℃ / 240h heat-aging tests with no brittle cracking or degradation, reliable in both cold and hot conditions.
- **Flame Retardant to FMVSS 302**
  Burn rate below 100mm/min, meeting flame-retardant requirements for automotive and rail interiors.
- **Self-closing Design, Easy Installation & Removal**
- **Cut & Abrasion Resistant**
  Abrasion resistance tested to ISO 6722-1 for over 10,000 cycles, effectively protecting wire harnesses, hoses and pipelines from wear.
- **Excellent Heat Dissipation**
  Open braid structure dissipates heat quickly, preventing heat build-up and extending service life.
- **Resists Gasoline & Engine Chemicals**
  Withstands gasoline and engine chemicals, suitable for engine-bay and fuel-system environments.

Application Scenarios

- **Electronic Cables & Equipment Harnesses**
  Mechanical protection and heat management for internal wire harnesses of electronic equipment.
- **Automotive Harnesses & Engine Bay**
  Flame-retardant and resistant to gasoline and engine chemicals, ideal for engine-bay and chassis harnesses.
- **Railway & Mass Transit**
  Cable protection in carriages and equipment bays combining flame retardance and abrasion resistance.
- **Telecommunications & Base Stations**
  Cable management and protection in telecom rooms and base stations; re-openable design eases expansion and maintenance.
- **Hoses & Pipeline Protection**
  Extends the service life of hoses and pipelines against abrasion and external damage.