Aluminum Foil Fiberglass Sleeving

CR-BS-5006 · Braided Sleeving Series



Description

CR-BS-5006 features a double-layer composite structure. The outer layer is made of aluminum foil, which blocks heat radiation conduction. The inner layer is woven from high-temperature-resistant glass fiber, which maintains flexibility while enhancing thermal insulation efficiency.

Product Features

- Working Temperature
- Reflects Radiant Heat
- Resists Gasoline and Engine Chemicals
- Effectively Improve Thermal Insulation Efficiency
- Closed-end Tubular Sleeve

Standard / Certification

ISO9001 · IATF16949 · ISO14001 · ISO45001 · GJB9001

Performance Parameter

Test Items	Test Method	Test Results
Heat ageing test	200°C, 240hours	No stratification.
Horizontal combustion test	GB8410-2006Refer to GB8410-2006	A-0

Specifications

Part No.	Nominal I.D. (mm)	Thickness (mm)	Reel Length (m/reel)
CR-BS-50060815	8	0.55 ± 0.15	50
CR-BS-50060915	9	0.55 ± 0.15	50
CR-BS-50061015	10	0.55 ± 0.15	50
CR-BS-50061115	11	0.55 ± 0.15	50
CR-BS-50061215	12	0.55 ± 0.15	50
CR-BS-50061315	13	0.55 ± 0.15	50
CR-BS-50061415	14	0.55 ± 0.15	50
CR-BS-50061515	15	0.55 ± 0.15	50
CR-BS-50061615	16	0.55 ± 0.15	50
CR-BS-50061715	17	0.55 ± 0.15	50
CR-BS-50061815	18	0.55 ± 0.15	50
CR-BS-50061915	19	0.55 ± 0.15	50
CR-BS-50062015	20	0.55 ± 0.15	50
CR-BS-50062215	22	0.55 ± 0.15	50
CR-BS-50062415	24	0.55 ± 0.15	50
CR-BS-50062515	25	0.55 ± 0.15	50
CR-BS-50063215	32	0.55 ± 0.15	50
CR-BS-50063615	36	0.55 ± 0.15	50

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Notes

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

Product Advantages

- **Wide Temperature Range: −40℃ ~ +200℃**
  Passes 200℃/240h heat-ageing test with no stratification and remains reliable down to −40℃, for hot engine bays and cold environments.
- **Flame Retardant, GB8410 A-0**
  Horizontal combustion test per GB8410-2006 passes at A-0 level, meeting flame-retardant requirements for automotive interiors and harnesses.
- **Closed Tubular Sleeving, Full Coverage & Easy Installation**
  The closed tubular form slips over harnesses and hoses for complete all-around coverage against abrasion and dirt, quick to install and maintain.
- **Aluminum Foil Outer Layer Reflects Radiant Heat**
  Double-layer composite: the aluminum foil outer layer blocks heat radiation while the high-temperature glass-fiber weave keeps flexibility, improving thermal insulation efficiency.
- **Resists Gasoline & Engine Chemicals**
  Withstands gasoline and engine-bay chemicals, ideal for long-term use around engines and fuel lines.
- **Fully Certified, Stable Quality**
  Manufacturing site certified to ISO9001/IATF16949/ISO14001/ISO45001/GJB9001C, ensuring controlled processes and consistent quality.

Application Scenarios

- **Engine Wiring Harnesses & Sensor Cables**
  Shields engine harnesses and sensor cables from radiant heat in the engine bay for stable electrical systems.
- **Air-conditioning & Refrigeration Lines**
  Wraps air-conditioning lines to reduce heat transfer, helping maintain cooling performance and prevent abrasion.
- **Fuel Lines & Fluid Routing**
  Resistant to gasoline and engine chemicals, providing thermal and mechanical protection for fuel lines.
- **Control Cables & Harness Assemblies**
  Provides heat and mechanical protection for vehicle and equipment control cables, keeping signal transmission stable.
- **Thermal Insulation for High-temperature Areas**
  Insulates hoses, pipes and components near heat sources in automotive and industrial equipment, reducing the risk of heat damage.