PET Textile Sleeving

CR-BS-1005 · Braided Sleeving Series



Description

CR-BS-1005 is a durable, high quality polyester compound braid that provides abrasion protection while effectively reducing noise and resisting corrosion to protect hoses, cables and wires in extreme applications.

Product Features

- Working Temperature
- Excellent Abrasion Resistance
- Resistant to Oil and Liquid Corrosion
- Excellent Impact Resistance

Standard / Certification

ISO 6722:2013 · REACH

Performance Parameter

Test Items	Test Method	Test Results
Heat aging	175°C, 240H	Pass
Scrape Abrasion	ISO 6722:2013	Class 6, > 60000 times
24h—70°C of product aging test 24h	24hStore at —70°C for 24h	Pass

Specifications

Part No.	Nominal I.D. (mm)	Layflat Width (mm)	Thickness (mm)	Reel Length (m/reel)
CR-BS-10051001	10	20 ± 2	0.8 ± 0.15	50
CR-BS-10051301	13	25 ± 2	0.8 ± 0.15	50
CR-BS-10051601	16	30 ± 2	0.8 ± 0.15	50
CR-BS-10051901	19	35 ± 2	0.8 ± 0.15	50
CR-BS-10052301	23	40 ± 2	0.8 ± 0.15	50
CR-BS-10052501	25	45 ± 2	0.8 ± 0.15	50
CR-BS-10052901	29	50 ± 2	0.8 ± 0.15	50
CR-BS-10053201	32	55 ± 2	0.8 ± 0.15	50
CR-BS-10053801	38	65 ± 3	0.8 ± 0.15	50
CR-BS-10054201	42	70 ± 3	0.8 ± 0.15	50
CR-BS-10054501	45	75 ± 3	0.8 ± 0.15	50
CR-BS-10054801	48	80 ± 3	0.8 ± 0.15	50
CR-BS-10055501	55	90 ± 3	0.8 ± 0.15	50
CR-BS-10056101	61	100 ± 3	0.8 ± 0.15	50
CR-BS-10057201	72	118 ± 3	0.8 ± 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.
- It can be cut to a fixed length as required.
- Other sizes can be customized upon request.

Product Advantages

- **Wide Temperature Range: –50℃ ~ +150℃**
  Passes heat–aging test at 175℃ for 240h and the –70℃ product aging test (stored at –70℃ for 24h), reliable under extreme cold and hot conditions.
- **Excellent Abrasion Resistance: ISO 6722:2013 Class 6, > 60,000 Cycles**
  Scrape abrasion tested to ISO 6722:2013 reaching Class 6 with over 60,000 cycles, durably protecting hoses, cables and wires from abrasion.
- **Resistant to Oil & Liquid Corrosion**
  Resists oil and liquid corrosion, performing stably where the sleeve contacts oils and liquids such as oil transfer lines.
- **Excellent Impact Resistance**
  The braided structure delivers excellent impact resistance, adding a reliable mechanical protection layer to harnesses and cables.
- **Effective Noise Reduction**
  Effectively suppresses friction and vibration noise of cables for quieter operation and tidier routing.
- **Durable High–quality Polyester Multifilament Braid**
  Woven from durable, high–quality polyester multifilaments, effectively protecting hoses, cables and wires in extreme applications.

Application Scenarios

- **Oil Transfer Lines**
  Provides necessary abrasion protection for oil transfer hoses and pipelines against friction and external damage.
- **Industrial Machinery**
  Abrasion protection and neat management of wire harnesses and cables in industrial machinery for higher reliability.
- **Automotive Systems**
  Protection for automotive wiring and cables, combining abrasion resistance, oil/corrosion resistance and noise reduction.
- **Electrical Equipment**
  Protection and bundling of internal cables in electrical equipment against wear, easing maintenance.
- **Extreme Application Environments**
  Combining corrosion resistance, low–temperature tolerance and impact resistance, suitable for hoses, cables and wires in extreme applications.