PA Textile Sleeving

CR-BS-2004 · Braided Sleeving Series



Description

CR-BS-2004 is braided with high fiber nylon compound filaments. Suitable for extreme application conditions and harsh environments. Provides excellent tensile strength, blast resistance and abrasion protection. The sheath provides effective noise reduction, corrosion resistance and ensures non-toxic safety.

Product Features

- Working Temperature
- High Tensile Strength
- Superior Wear Resistance
- Noise Reduction
- Corrosion Protection

Standard / Certification

ISO 6722:2013 · REACH

Performance Parameter

Test Items	Test Method	Test Results
Heat aging	150°C, 240H	Pass
Scrape Abrasion	ISO 6722:2013	Class 7, > 140000 times

Specifications

Part No.	Nominal I.D. (mm)	Layflat Width (mm)	Thickness (mm)	Reel Length (m/reel)	Art. No.
CR-BS-20041001	10	20 ± 2	1.1 ± 0.2	50	NC-010
CR-BS-20041301	13	25 ± 2	1.1 ± 0.2	50	NC-013
CR-BS-20041601	16	30 ± 2	1.1 ± 0.2	50	NC-016
CR-BS-20041901	19	35 ± 2	1.1 ± 0.2	50	NC-019
CR-BS-20042301	23	40 ± 2	1.1 ± 0.2	50	NC-023
CR-BS-20042901	29	50 ± 2	1.1 ± 0.2	50	NC-029
CR-BS-20043201	32	55 ± 2	1.1 ± 0.2	50	NC-032
CR-BS-20043801	38	65 ± 3	1.1 ± 0.2	50	NC-038
CR-BS-20044201	42	70 ± 3	1.1 ± 0.2	50	NC-042
CR-BS-20044801	48	80 ± 3	1.1 ± 0.2	50	NC-048
CR-BS-20045501	55	90 ± 3	1.1 ± 0.2	50	NC-055
CR-BS-20046101	61	100 ± 3	1.1 ± 0.2	50	NC-061
CR-BS-20046801	68	110 ± 3	1.1 ± 0.2	50	NC-068
CR-BS-20047401	74	120 ± 3	1.1 ± 0.2	50	NC-074

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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 heat–aging test at 150℃ for 240h, suitable for extreme application conditions and a wide range of temperatures.
- **Superior Abrasion Resistance: ISO 6722:2013 Class 7, > 140,000 Cycles**
  Scrape abrasion tested to ISO 6722:2013 reaching Class 7 with over 140,000 cycles, providing lasting protection in high–stress conditions.
- **Effective Noise Reduction**
  Effectively reduces friction and vibration noise during operation, improving the working environment.
- **High Tensile Strength**
  High–fiber nylon multifilaments give the sleeving excellent tensile strength, keeping it intact under high–load conditions.
- **Blast Resistance**
  The braided structure offers blast resistance, shielding hoses and harnesses from severe impact and burst forces.
- **Corrosion Resistance & Non–toxic Safety**
  Provides corrosion resistance and ensures non–toxic safety for reliable use in harsh environments.

Application Scenarios

- **Heavy–duty Machinery**
  Provides robust protection for rubber hoses and wiring harnesses in heavy–duty machinery against high–load wear.
- **Industrial Equipment**
  Abrasion–resistant mechanical protection for industrial equipment harnesses and hoses, ensuring longevity in high–stress environments.
- **Rubber Hose Protection**
  High–strength braid wraps rubber hoses tightly, protecting them from abrasion, scoring and other external damage.
- **Harnesses & Cable Protection**
  The high–tensile, abrasion–resistant braid provides reliable protection and tidy bundling for harnesses and cables.
- **Harsh & High–stress Environments**
  Combining abrasion resistance, blast resistance, corrosion resistance and non–toxicity, ideal for extreme and harsh environments.