



Professional Factory 25X50 R55 Plastic Bridge Type Darg Chain Cable Tray Robot

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: BNEE
- Certification: CE IS09001
- Model Number: KA KB
- Minimum Order Quantity: 1
- Price: 20\$-60\$
- Packaging Details: cardboard box
- Delivery Time: 5-8work days
- Payment Terms: T/T
- Supply Ability: 100 pieces per week



Product Specification

- Material: Nylon
- Highlight: plastic nylon cable drag chain,
plastic drag chain cable carrier,
bridge nylon cable drag chain

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Product Description

Plastic Drag Chains: Flexible Protection for Dynamic Industrial Applications

Introduction: Plastic drag chains, also known as cable chains or cable carriers, are engineered to provide flexible protection for cables, hoses, and other conduits in dynamic industrial environments. These chains offer a combination of durability, flexibility, and resistance to various conditions, making them ideal for a wide range of applications.

Application Scope: Plastic drag chains are versatile and find use in a multitude of industries where cable management is crucial:

Automotive Assembly Lines: They protect cables and hoses in robotic arms and automated machinery from wear and tear during continuous motion.

Machine Tools: In CNC machines, milling machines, and laser cutting systems, plastic drag chains safeguard the cables from debris and accidental damage.

Medical Equipment: These chains are used in medical devices that require precise movement and protection for cables and hoses.

Material Handling Systems: In conveyor systems and automated material handling, plastic drag chains offer protection against abrasion and environmental factors.

Office Automation: They are also used in office environments to manage and protect cables for computers, printers, and other electronic equipment.

Usage Environments: Plastic drag chains are designed to operate effectively in various environments:

Indoor Manufacturing Spaces: They are suitable for use in controlled environments such as clean rooms and workshops where cleanliness and precision are required.

Outdoor and Semi-Outdoor Areas: Plastic drag chains can be used in outdoor settings, offering protection against weather elements like rain, dust, and sunlight.

Chemical and Corrosive Environments: Specialized plastic materials can be used to construct these chains for applications where resistance to chemicals is necessary.

High-Temperature Areas: Some plastic drag chains are designed to withstand higher temperatures, making them suitable for use near heat sources.

Wet and Humid Conditions: Plastic materials are generally resistant to water and moisture, making these chains suitable for use in washdown areas and environments prone to spills.

Performance Characteristics: The performance of plastic drag chains is characterized by several key features:

Flexibility: The design of plastic drag chains allows for flexibility, accommodating the movement of cables and hoses as machinery operates.

Durability: Constructed from high-quality plastics, these chains are designed for long-term use and can withstand the rigors of continuous motion.

Resistance to Wear and Tear: The robust construction of plastic drag chains ensures they can endure the wear and tear associated with dynamic applications.

Noise Reduction: Plastic materials can help reduce noise levels in operating environments, contributing to a quieter work setting.

Customizability: Plastic drag chains can be customized to fit specific cable sizes and configurations, providing a tailored solution for each application.

Conclusion: Plastic drag chains offer a flexible and effective solution for protecting cables and hoses in a wide range of industrial applications. Their adaptability to various environments, combined with their durability and customizability, make them an essential component in maintaining the performance and longevity of machinery. As industries continue to evolve and the demand for reliable cable management grows, the role of plastic drag chains will remain vital.







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