



Plastic Cable Drag Chain Cable Carriers Used For Machine Tools

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: BNEE
- Certification: CE IS09001
- Model Number: TL TLG KA KB
- Minimum Order Quantity: 1
- Price: 10\$-60\$
- Packaging Details: cardboard box
- Delivery Time: 5-8 work day
- Payment Terms: T/T
- Supply Ability: 200 metres per day



Product Specification

- Material: Steel Nylon
- Inner Height: 07mm-80mm
- Inner Width: 07mm-300mm
- Outer Height: 10mm-119mm
- Outer Width: 10mm-364mm
- Bending Radius: 18mm-300mm
- Highlight: 07mm plastic cable drag chain,
80mm plastic cable drag chain,
07mm plastic drag chain cable carrier

Product Description

The Versatility and Utility of Plastic Drag Chains

Introduction: Plastic drag chains, also known as cable carriers or cable chains, are an essential component in many industrial applications. They are designed to protect and guide electrical cables, hoses, and other flexible conduits, ensuring smooth and reliable operation in dynamic environments.

Performance of Plastic Drag Chains:

Material Properties: Plastic drag chains are made from high-quality thermoplastic materials such as polyamide (PA), polyethylene (PE), or polyoxymethylene (POM). These materials offer excellent resistance to wear, corrosion, and chemical influences.

Flexibility: The chains are highly flexible, allowing for a wide range of motion without compromising the integrity of the cables or hoses they protect.

Temperature Resistance: They can operate in a wide temperature range, typically from -40°C to +120°C, depending on the material used.

Noise Reduction: Plastic chains are quieter in operation compared to their metal counterparts, reducing noise pollution in the workplace.

Lightweight: Being made of plastic, these chains are lighter than metal chains, which can be an advantage in terms of reducing the overall weight of the machinery.

Applicable Venues: Plastic drag chains are suitable for a variety of environments and industries:

Machinery and Equipment: They are widely used in machine tools, CNC machines, and other automated equipment where cables need protection from movement and abrasion.

Automotive Industry: They are used for cable management in assembly lines and robotic arms.

Medical Equipment: In medical devices, plastic drag chains ensure the safe and reliable movement of cables and hoses.

Office Automation: Printers, scanners, and other office machines often use these chains for cable management.

Construction and Agriculture: They are also used in heavy machinery for cable protection against the harsh conditions of construction sites and agricultural fields.

Functions of Plastic Drag Chains:

Cable Protection: The primary function is to protect cables and hoses from damage due to tension, compression, and abrasion.

Cable Management: They help in organizing and managing cables, reducing the risk of tangling and improving the overall efficiency of the system.

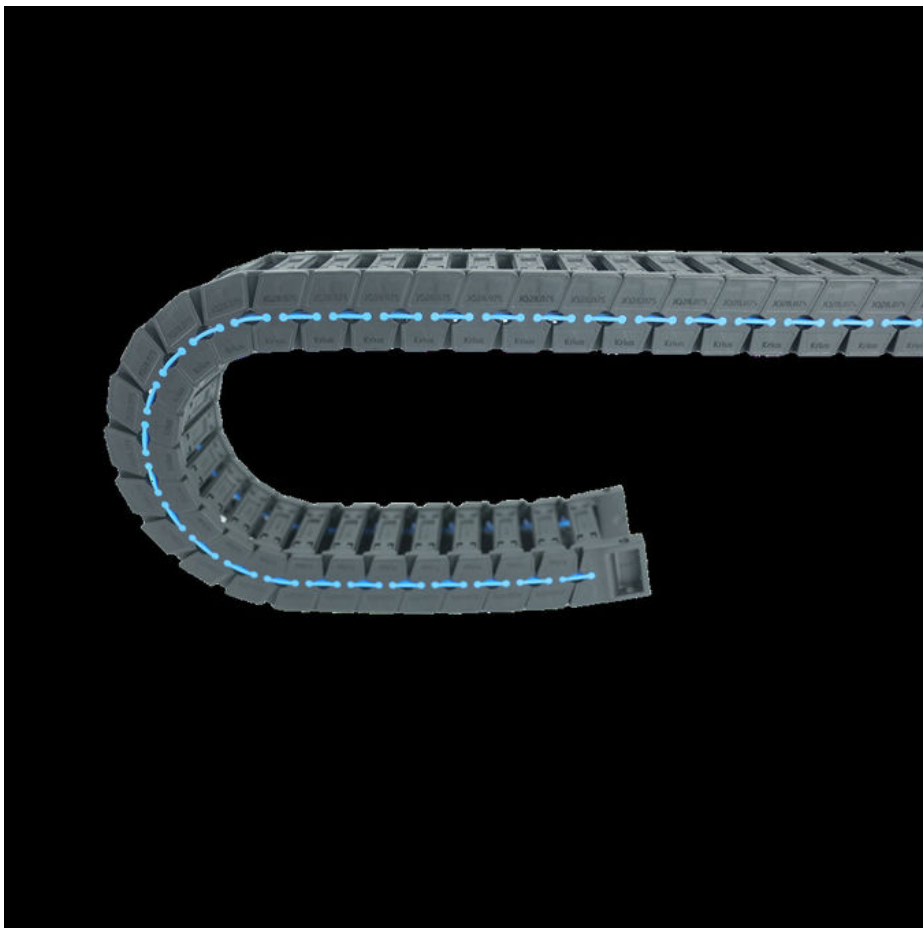
Dust and Dirt Protection: The enclosed design of plastic drag chains shields the cables from dust, dirt, and other environmental contaminants.

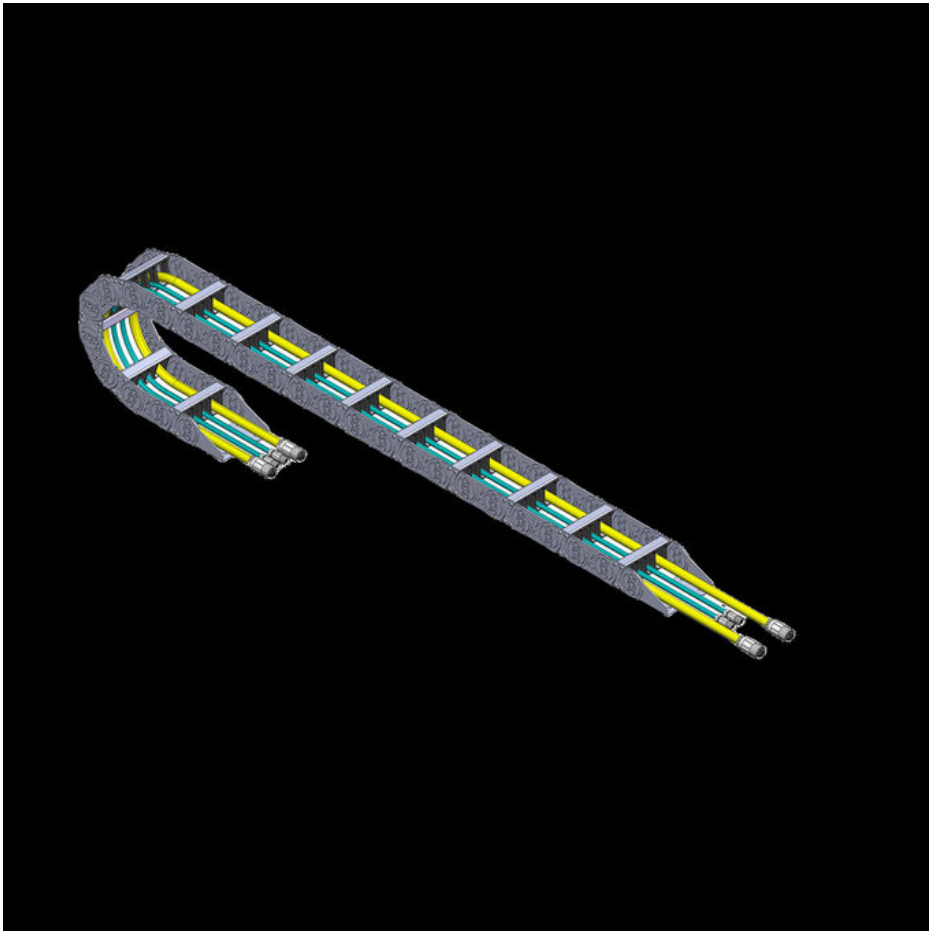
Noise Reduction: As mentioned earlier, they contribute to a quieter operation environment.

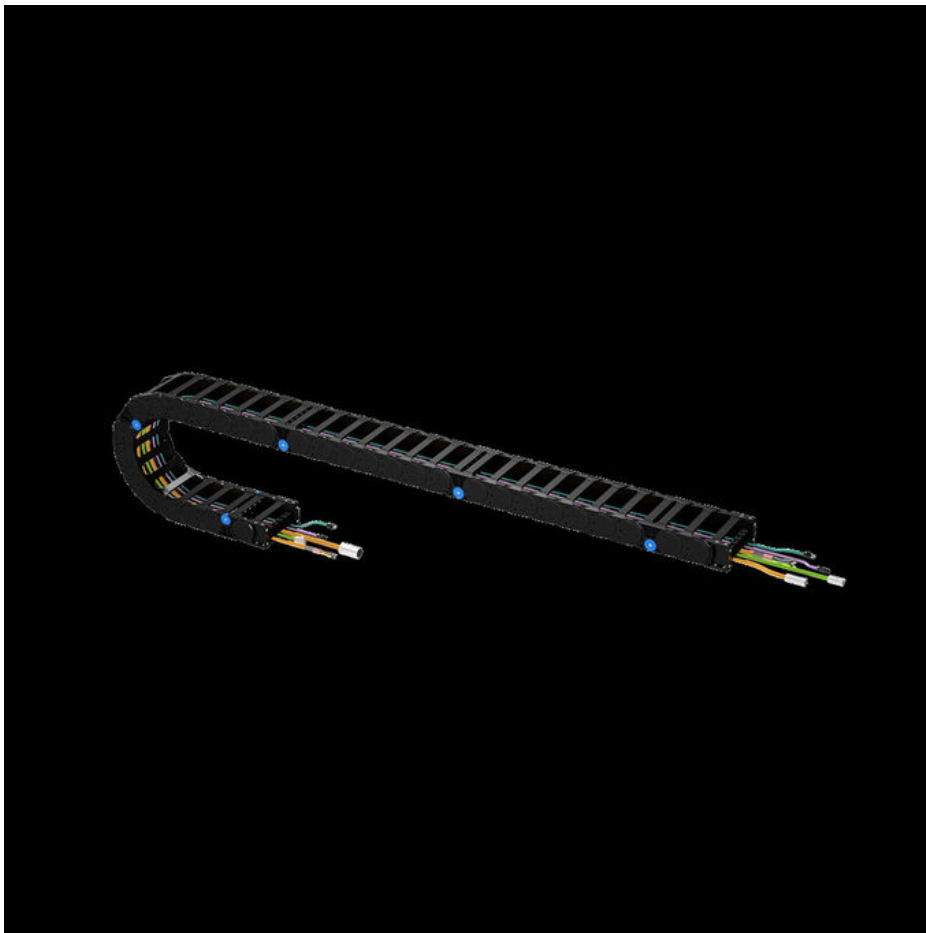
Aesthetics: Plastic chains can be color-coded for easy identification and to improve the visual appeal of the machinery.

Conclusion: Plastic drag chains offer a versatile solution for cable management across various industries. Their durability, flexibility, and noise reduction capabilities make them an ideal choice for protecting cables in dynamic and demanding environments. With the right selection of material and design, these chains can significantly enhance the performance and longevity of machinery and equipment.

This article provides a comprehensive overview of plastic drag chains, covering their performance, suitable applications, and functions.







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