

Light Duty Flexible plastic cable chain track For Automation Machine IS09001

Basic Information

- Place of Origin:
- Brand Name:
- Certification:
- Model Number:
- Minimum Order Quantity:
- Price:
 - Packaging Details:
- Delivery Time:
- Payment Terms: T/T
- Supply Ability:



Product Specification

- Material:
- Inner Height:
- Inner Width:
- Outer Height:
- Outer Width:
- Bending Radius:
- Highlight:

Steel Nylon 07mm-80mm 07mm-300mm 10mm-119mm

China BNEE

ZQ ZF

10\$-60\$

cardboard box

5-8 work day

200 metres per day

1

CE IS09001

- 10mm-364mm
- 18mm-300mm
- Light Duty plastic cable chain, Automation plastic cable chain track, IS09001 plastic cable chain



Our Product Introduction

Product Description

Cable Drag Chains: Classifications and Applications in Industrial Settings

Introduction: Cable drag chains, also known as cable carriers, are critical components in industrial machinery that provide protection and organization for cables, hoses, and tubing. These chains are designed to move in conjunction with the machinery, ensuring the cables they contain remain safe and functional despite the dynamic conditions.

Classifications of Cable Drag Chains: Cable drag chains can be classified based on several criteria, including material, design, and load capacity:

Material Classification:

Steel Drag Chains: Offer high strength and durability, suitable for heavy-duty applications with substantial loads and impacts.

Plastic Drag Chains: Made from materials like polyamide, these chains are lightweight and resistant to corrosion, ideal for clean environments. Nylon Drag Chains: Provide flexibility and resistance to wear, often used in applications requiring frequent bending and movement. Design Classification:

Open Design: Allows for easy installation and better ventilation, suitable for applications where heat dissipation is necessary.

Closed Design: Provides complete protection against environmental factors such as dust, water, and chemicals. Load Capacity Classification:

Light Duty Chains: Designed for applications with minimal load requirements and less severe movement conditions.

Heavy Duty Chains: Built to handle heavier loads and more demanding environments with intense mechanical stress.

Applications of Cable Drag Chains: Cable drag chains are employed across a wide range of industries to meet specific needs:

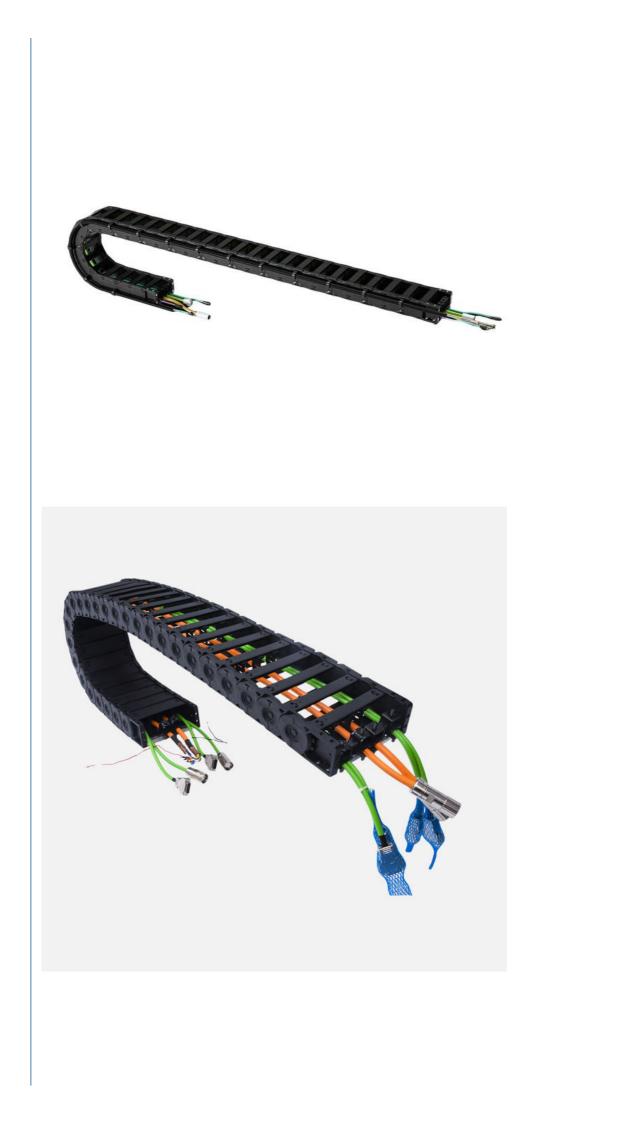
Automotive Manufacturing: Protecting cables and hoses in robotic arms and automated assembly lines from the wear and tear of repetitive motion.

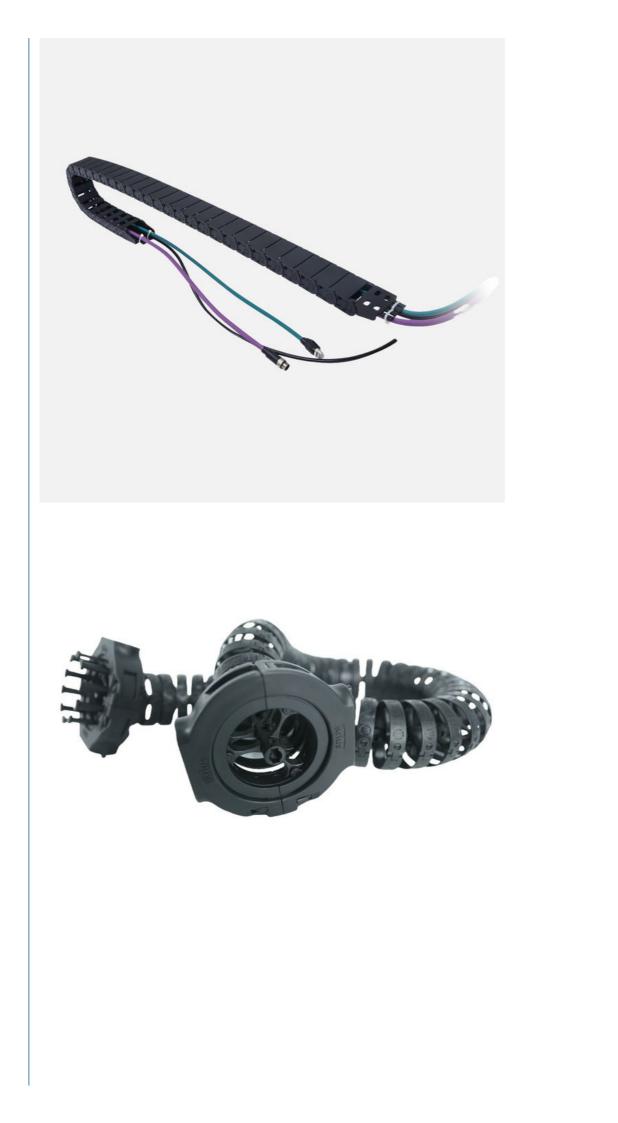
Machine Tool Industry: Used in CNC machines, milling machines, and laser cutting systems to safeguard the cables controlling the machine's functions.

Medical Equipment: Ensuring the safe and precise movement of cables in medical devices such as imaging scanners and surgical tools. **Material Handling Systems:** In conveyor systems and automated material handling, drag chains protect the cables that power the equipment. **Aerospace and Defense:** Employed in high-precision machinery where the protection of sensitive cables is crucial for the operation of complex systems.

Conclusion: Cable drag chains serve a vital role in various industrial applications, providing a protective solution for cables and hoses in motion. Their diverse classifications allow them to be tailored to the specific demands of different environments and machinery types. As industries continue to innovate and the need for efficient cable management grows, the importance of cable drag chains in maintaining the reliability and safety of operations will only increase.

| Туре | Bending radius | inner height | inner width | outer height | outer width |
|---------|---|--------------|-------------|--------------|-------------|
| ZQ3250 | 63 75 100 125 150 175 200 250 300 | 32 | 51 | 54 | 72 |
| ZQ3262 | 63 75 100 125 150 175 200 250 300 | 32 | 62 | 54 | 90 |
| ZQ3275 | 63 75 100 125 150 175 200 250 300 | 32 | 75 | 54 | 97 |
| ZQ3287 | 63 75 100 125 150 175 200 250 300 | 32 | 87 | 54 | 109 |
| ZQ32100 | 63 75 100 125 150 175 200 250 300 | 32 | 100 | 54 | 122 |
| ZQ32112 | 63 75 100 125 150 175 200 250 300 | 32 | 112 | 54 | 134 |
| ZQ32125 | 63 75 100 125 150 175 200 250 300 | 32 | 125 | 54 | 147 |
| ZQ32137 | 63 75 100 125 150 175 200 250 300 | 32 | 137 | 54 | 159 |
| ZQ32150 | 63 75 100 125 150 175 200 250 300 | 32 | 150 | 54 | 172 |
| ZQ32162 | 63 75 100 125 150 175 200 250 300 | 32 | 162 | 54 | 184 |
| ZQ32175 | 63 75 100 125 150 175 200 250 300 | 32 | 175 | 54 | 197 |
| ZQ32187 | 63 75 100 125 150 175 200 250 300 | 32 | 187 | 54 | 197 |
| ZQ32200 | 63 75 100 125 150 175 200 250 300 | 32 | 200 | 54 | 222 |
| ZQ32225 | 63 75 100 125 150 175 200 250 300 | 32 | 225 | 54 | 247 |
| ZQ32250 | 63 75 100 125 150 175 200 250 300 | 32 | 250 | 54 | 272 |









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