



Light Duty Flexible plastic cable chain track For Automation Machine IS09001

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: BNEE
- Certification: CE IS09001
- Model Number: ZQ ZF
- 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: **Light Duty plastic cable chain,
Automation plastic cable chain track,
IS09001 plastic cable chain**



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.

Type	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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