



BNEE Plastic Energy Chain Cable Carrier Closed Design For Festoon System

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: plastic energy chain cable carrier ,
energy chain cable carrier closed design ,
plastic cable energy chain

Product Description

Cable Drag Chains: Classifications, Purposes, and Applications

Introduction: Cable drag chains, often referred to as cable carriers, are indispensable in the industrial sector for managing and protecting cables, hoses, and tubing in motion systems. These chains offer a combination of durability, flexibility, and resistance to various environmental conditions, making them suitable for a wide range of applications.

Classifications of Cable Drag Chains: Cable drag chains are classified based on material, design, and load capacity to cater to different application needs:

Material Classification:

Steel Drag Chains: Designed for heavy-duty applications and offer high strength and resistance to impact.

Plastic Drag Chains: Lightweight and corrosion-resistant, suitable for clean or less demanding environments.

Nylon Drag Chains: Provide flexibility and good wear resistance, often used in applications requiring frequent bending.

Design Classification:

Open Design: Allows for easy installation and better ventilation, with moderate protection against debris.

Closed Design: Offers full protection against environmental factors, including dust, water, and chemicals.

Load Capacity Classification:

Light Duty Chains: Suitable for applications with minimal load and movement requirements.

Heavy Duty Chains: Built to handle substantial loads and more intense mechanical stress.

Purposes of Cable Drag Chains: Cable drag chains serve multiple purposes in various industrial settings:

Protection: They protect cables and hoses from abrasion, impact, and other physical damages, prolonging their service life.

Organization: By enclosing and organizing cables, drag chains reduce the risk of tangling and enhance workplace safety.

Enhanced Performance: Ensuring that cables remain in optimal condition contributes to the reliable performance of machinery.

Noise Reduction: Some drag chain designs incorporate features that minimize noise during operation.

Application Range of Cable Drag Chains: The application range of cable drag chains is extensive and spans across different industries:

Automotive Industry: For use in robotic arms and automated assembly lines to protect cables from wear.

Machine Tool Industry: In CNC machines and milling equipment to safeguard control cables and hydraulic lines.

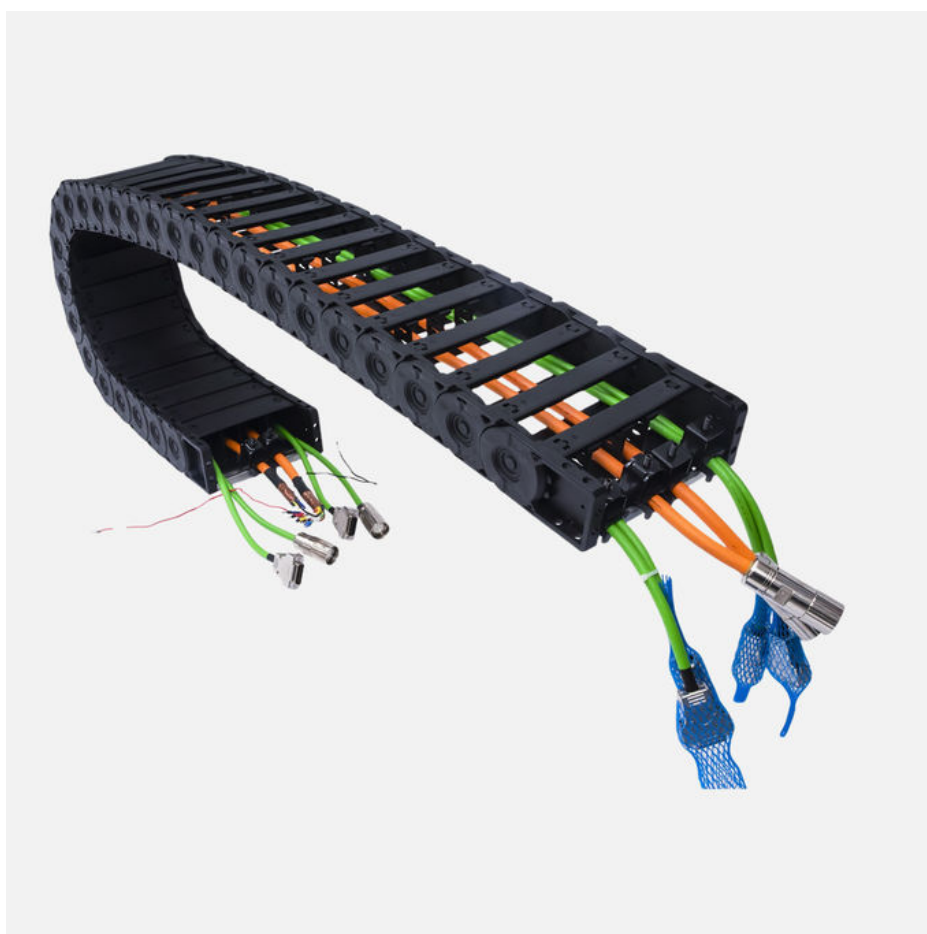
Medical Equipment: For cable management in imaging devices and surgical tools where precision is critical.

Material Handling Systems: In conveyor systems and automated material handling to protect power and control cables.

Construction and Agricultural Machinery: To protect cables in heavy equipment that operates in outdoor and harsh conditions.

Conclusion: Cable drag chains are versatile components that play a vital role in the efficient and safe operation of machinery across various industries. Their ability to protect cables and provide organized cable management, coupled with their adaptability to different environments, underscores their importance in modern industrial operations. As technology advances and industrial applications become more complex, the role of cable drag chains in ensuring the reliability and safety of machinery will continue to be significant.

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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