



Machine Tool Guide Rail Flexible Protective Machine Bellows Covers For Precision Machinery

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: BNEE
- Certification: ISO9000 CE
- Model Number: Customised as per drawing
- 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

- Materials: PVC
- Colour: Black
- Height: Customisation
- Width: Customisation
- Maximum Stretch: Customisation
- Minimum Compression: Customisation
- Highlight: **Guide Rail machine bellows covers,
Guide Rail bellows covers,
Flexible machine bellows covers**

Product Description

Machine Tool Guide Rail Flexible Protective Covers: Advanced Protection for Precision Machinery Introduction: Machine t

Flexible Protective Covers: Ensuring Safety and Precision in Industrial Applications

Introduction: Flexible protective covers are indispensable in the modern industrial landscape, offering a reliable solution for safeguarding machinery and equipment from various environmental hazards. These covers are designed to provide a protective barrier while maintaining the flexibility needed for machinery operation.

Application Scope: Flexible protective covers are utilized across a wide range of industries due to their adaptability:

Automotive Industry: Protecting robotic arms and machinery in assembly lines from debris and wear.

Machinery Manufacturing: Shielding components of CNC machines, milling machines, and other heavy equipment.

Medical Devices: Ensuring cleanliness and protection for sensitive components in medical imaging and surgical equipment.

Aerospace and Defense: Withstanding harsh conditions and providing protection in high-precision applications.

Material Handling: Covering and protecting conveyor belts and other moving parts in material handling systems.

Classification: The classification of flexible protective covers is based on several factors:

Material: From durable plastics and rubber to heavy-duty steel and aluminum, materials determine the cover's suitability for specific environments.

Design: Open, closed, and modular designs cater to different levels of protection and ease of maintenance.

Function: Static covers for fixed machinery and dynamic covers for moving parts that require flexibility.

Shape: Straight, curved, and custom shapes to fit the specific contours of the machinery they protect.

Performance: The performance of flexible protective covers is characterized by key attributes:

Durability: High-quality materials ensure a long service life, even in abrasive and high-stress environments.

Flexibility: The ability to bend and flex without damage allows for use in dynamic systems with moving parts.

Resistance: Protection against dust, water, oils, and chemicals, depending on the material and design.

Temperature Tolerance: Suitable for a range of temperatures, from low-temperature environments to high-heat applications.

Ease of Maintenance: Many covers are designed for easy installation, removal, and cleaning.

Conclusion: Flexible protective covers are a vital component in industrial settings, providing a balance between protection and functionality. Their wide application scope, diverse classification, and robust performance make them an essential investment for industries seeking to enhance the safety, reliability, and service life of their machinery. As technology progresses and industrial demands evolve, the role of flexible protective covers in safeguarding equipment will remain crucial.

Lmax /Lmin/H	10	15	20	25	30	35	40	45	50	55
100	53	39	34	32	30	28	27	26	26	25
150	69	49	41	38	34	32	30	29	28	27
200	85	58	47	43	39	36	34	32	31	30
250	102	68	54	49	43	39	37	35	33	32
300	118	77	61	55	48	43	40	38	36	34
350	134	87	67	60	52	47	43	40	38	36
400	150	96	74	66	57	51	46	43	41	39
450	166	106	81	72	61	55	50	46	43	41
500	183	115	87	77	66	58	53	49	46	43







