



HAVE FATH WITH US

# KALAVIJAY ENGINEERING

## PRODCUT CATLOGUE

BELLOW COVERS

TELESCOPIC COVERS

PLASTIC DRAG CHAIN

WELDING CURTAIN

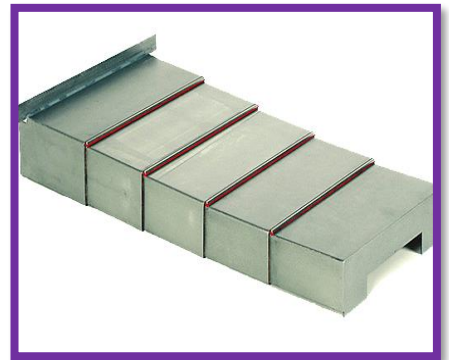
FABRIC EXPANSION JOINT

FABRIC HOSE

METALIC HOSE

ROLL-WAY COVER

APRON COVER





# Kalavijay Engineering

*Machine Tools Safety Covers*

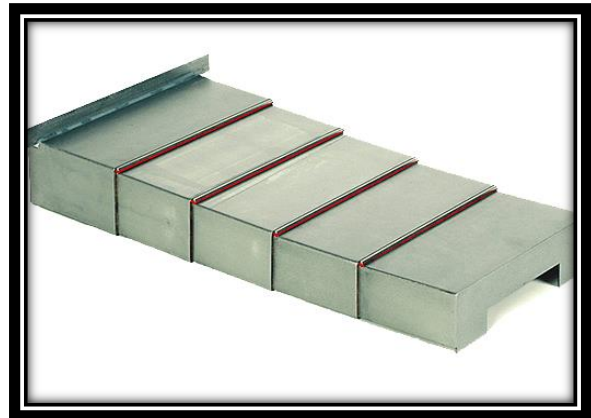
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## ➤ ABOUT US-

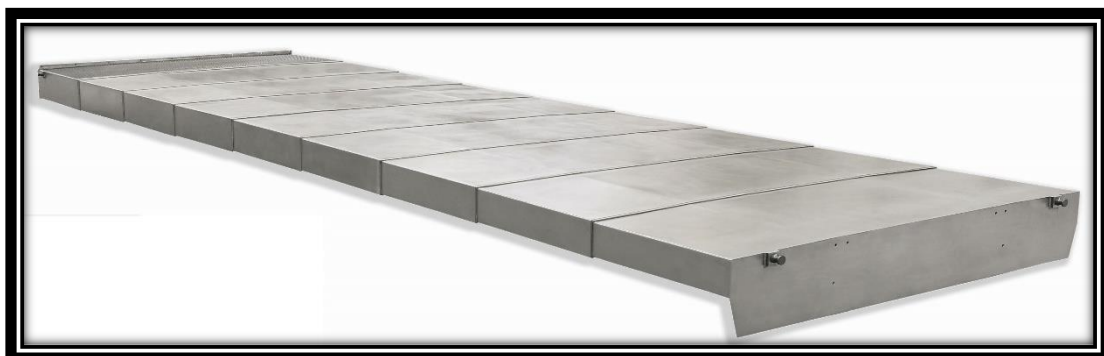
We are pleased to introduce ourselves, as one of the leading Manufacturer, Supplier of quality Machine Tools Protection Products such as Various Types Bellows, Telescopic Covers, Cable Drag Chains, Apron Covers, Roll-Way Covers, Way Wipers as well as High Temperature Fabric Products. We also manufacture sheet metal and structural fabricated parts. We undertake reconditioning & repairing of protection products. These products are highly appreciated among our clients for their rich attributes such as durability, effectiveness.

## ➤ TELESCOPIC COVER-

Our telescopic steel way covers have been developed over many years of close cooperation with the machine tool industry. The steel way covers will protect machine tool bed ways against damage by swarf and coolant. They reduce sideways wear, thus maintaining the accuracy of the machine and keeping maintenance cost to a minimum. We offer types that are best for easy replacement as well as ones for heavy duty operating conditions.



Our telescopic covers are manufactured of best quality cold reduced mild steel sheet and are produced to a high degree of accuracy. They have a polished finish that will enhance the appearance of your machine. We also offer all types in stainless steel or with black anodized finish. Each box section of the cover is tightened against the adjoining one by a polyurethane wiper, which is protected from hot chips by a stainless-steel outer case. You can choose from various solutions for the wiper system depending on your requirements.





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## ➤ BELLOW COVER-

We, " **KALAVIJAY ENGINEERING**" are masters in manufacturing and supplying excellent quality of Bellows covers. Bellow covers are to be selected based on operating condition. **KALAVIJAY ENGINEERING** is specially design Bellow Covers to protect guide ways and machine components. There are number of types bellows.

MATERIAL USED -PVC Coted, PU Coted, High Tensile Polyamide Fabric, Aluminum Coted Fabric, Canvas, Leathered etc.

SHAPES - C type, Round, Square, Rectangular, Octagonal.

### DESIGN-

#### U-bellows design

- Variable dimensions
- Customized in the guide
- Economically priced
- Covering for movable machine elements
- High form stability



■ U-bellows design

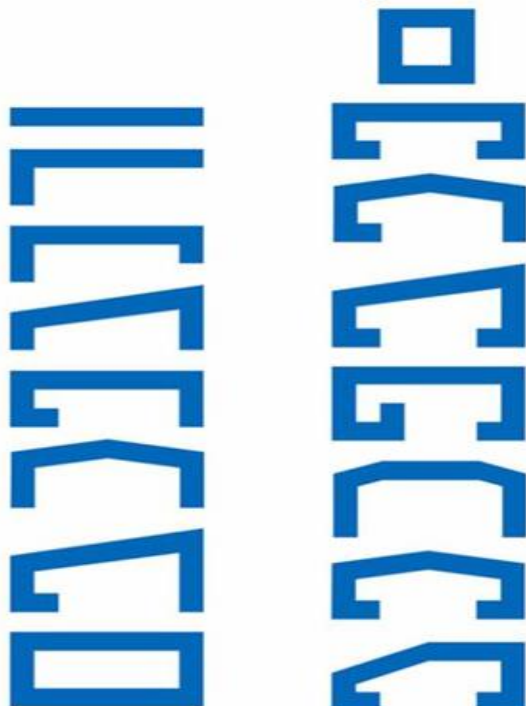


■ Box bellows design

#### U-bellows design with lamellas

- Reliable protection against heavy chip generation
- Rust-resistant and acid-resistant telescopic plates
- Can be made coolant-proof upon request
- Rigid or movable design of the telescopic plates is possible

## Available Shapes





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## ➤ Scissor Left Bellow



## Thermic Welded Bellow



## Laser Machine Bellow Covers-



We have carved the niche in the market by offering Industrial Laser Cutting Machine Bellows. Professionals make these products using the advanced technology.

### Features-

- Durable Nature
- Rust Free
- Longer Life
- Budgetary Cost





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## ➤ ROLLWAY COVER-

In order to full-fill the assorted demands of esteemed clients, we are engaged in dispatching a supreme range of Rollway Cover. This range of rollway cover offered by us is manufactured utilizing optimum

grade raw material and innovative techniques in complete adherence with the highest quality norms and standards. Our personnel ensure to test the entire assembly utilizing modern inspecting machines to maintain its authenticity throughout the manufacturing process.



We are remarkable entity, engaged in offering high quality Rollway Cover that is used for cutting and milling in various industries. Offered Covers is manufactured by our adept professionals from quality assured components and ultra-modern technology at our well-established unit. In order to ensure quality, this Covers is stringently tested on various parameters. Moreover, the entire range is available in various models and specifications.

➤ Materials- P.V.C coated Nylon Fabric & Spring Steel 0.2mm Thick.

### ➤ Features -

- ❖ Easy to operate
- ❖ Flawless finish
- ❖ For high travel speeds
- ❖ Takes up little space
- ❖ Customized and low-cost solutions
- ❖ Easy to install and long-life expectancy
- ❖ High performance

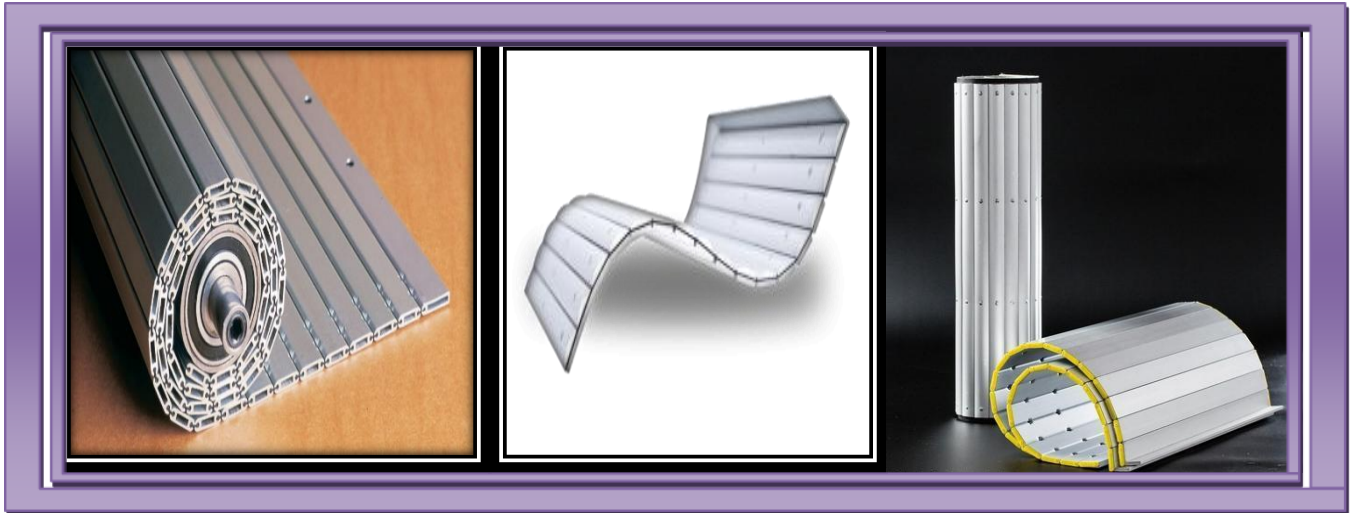


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## ➤ APRON COVER-



**Kalavijay Engineering** in the industry, we are engaged in manufacturing, trading and supplying Apron Cover that is a suitable protective device in hot chip load conditions and other wear causing agents. Our provided cover offers easy and quick mounting, requiring less space. Further, our offered cover is available in several standard and customized forms to suit with specific applications of our clients. Besides this, our valued clients can avail this cover from us at highly affordable price.

### ➤ **Features :-**

- Easy to mount
- Highly flexible

### ➤ **Product Details:-**

- Aluminium strips on PVC coated fabrics
- MS strips on PVC coated fabrics



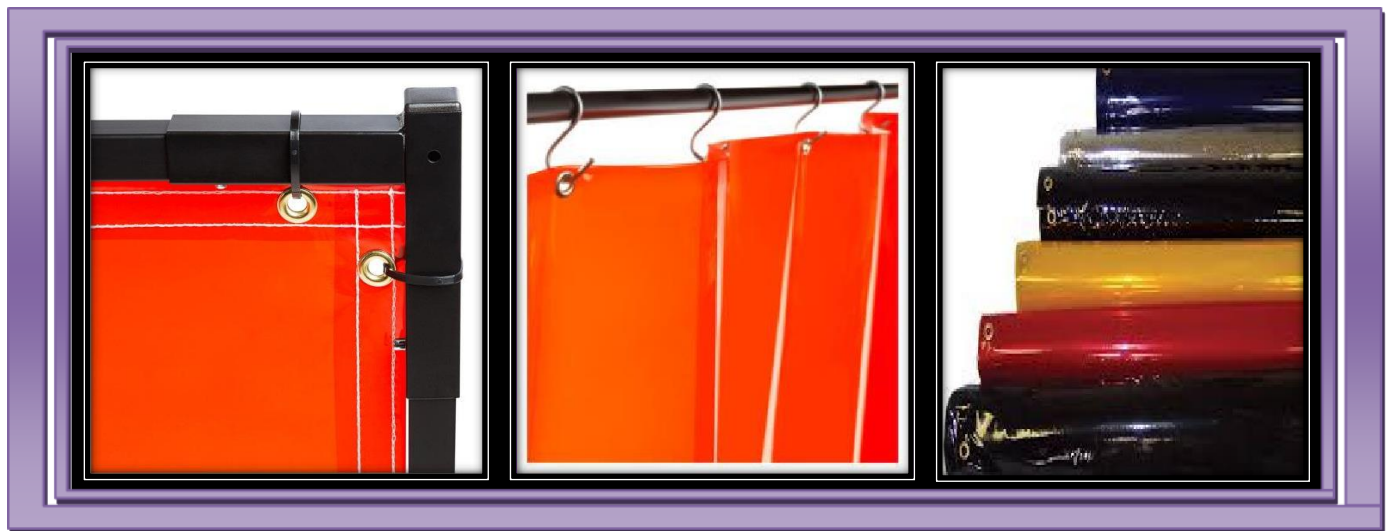
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## ➤ Welding Safety Curtains-

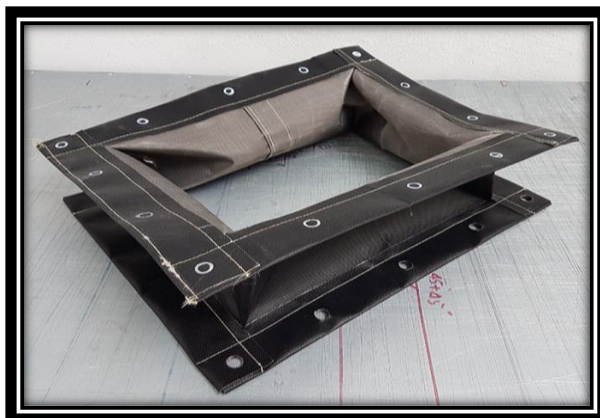
**Kalavijay Engineering Welding Safety Curtains** protect employees from the hazards associated with Robotic welding stations, grinding, cutting and other operations. Panels are available in a variety of designs to fit your application, and are easily and economically replaced. Choose from a wide assortment of standard designs and configurations. **welding screens** and welding safety curtains protect employees from exposure to harmful UV light, flash burn and helps isolate the sparks and fumes.



## ➤ Fabric Expansion Joints-

We are Also Manufacturing Fabric Expansion Joints for Centrifugal fan, Exhaust Duct, Vacuum etc. Will give Expansion Joint Up-to 600 degree temperature.

➤ **Material-** PVC, PU, Aluminium Coted Fabric





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## ➤ CABLE DRAG CHAIN-



### ➤ Material -

reinforced nylon, with high pressure and tensile load, good toughness, high elasticity and wear resistance, flame retardant, stable performance at high and low temperature, can be used outdoors.

### ☐ Resistance -

Resistance: resistant to oil, salt, acid and alkali. The specific speed and acceleration depend on the operation condition, and the operation life is long.

### ☐ Function-

The operating speed and acceleration depend on the operating conditions. The result of light weight and smooth operation is that the cable drag chain can run at a high speed over a long distance, and can accelerate and stop in an emergency.





## KE DRAG CHAIN MODELS LIST

### OPEN TYPE

S. No	Inner Size	Outer Size	Radius
1	10X10	14X16	15
2	10X15	14X21	15
3	15X15	20X25	25
4	15X20	20X30	25
5	20X25	29X40	40
6	20x40	29X55	40
7	25X35	40X53	50-75-100-125
8	25X50	40X68	50-75-100-125
9	25X75	40X93	50-75-100-125
10	25X100	40X118	50-75-100-125
11	35X35	52X55	75-100-150
12	35X50	52X70	75-100-150
13	35X75	52X95	75-100-150
14	35X100	52X120	75-100-150
15	45X100	64X128	100-150-200
16	45X125	64X153	100-150-200
17	45X150	64X178	100-150-200
18	45X200	64X228	100-150-200
19	60X100	86X136	100-150-200-250-300
20	60X125	86X161	100-150-200-250-300
21	60X160	86X196	100-150-200-250-300
22	60X200	86X236	100-150-200-250-300
23	60X250	86X286	100-150-200-250-300

### SEMI CLOSED SERIES

24	25X35	40X53	75-100-125
25	25X50	40X68	75-100-125
26	25X75	40X93	75-100-125
27	25X100	40X118	75-100-125
28	35X35	52X55	75-100-150
29	35X50	52X70	75-100-150
30	35X75	52X95	75-100-150
31	35X100	52X120	75-100-150
32	45X100	64X128	100-150-200
33	45X150	64X178	100-150-200
34	45X200	64X228	100-150-200
35	60X200	86X236	100-150-200-250-300
36	60X200	86X286	100-150-200-250-300

### FULL COVERED TYPE

37	25X35	40X53	75-100-125
38	25X50	40X68	75-100-125
39	25X75	40X93	75-100-125
40	25X100	40X118	75-100-125
41	35X35	52X55	75-100-150
42	35X50	52X70	75-100-150
43	35X75	52X95	75-100-150
44	35X100	52X120	75-100-150
45	45X75	64X103	100-150-200
46	45X100	64X128	100-150-200
47	45X125	64X153	100-150-200
48	45X150	64X178	100-150-200
49	45X200	64X228	100-150-200
50	60X200	86X236	100-150-200-250-300
51	60X250	86X286	100-150-200-250-300



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## ➤ METALLIC HOSE-



The stainless-steel metal hose is especially designed to achieve several objectives in pipe work design. Annular corrugated metal hose is general purpose industrial hose and is available in different grades of stainless steel including 304, 316, 321, Monel and Inconel.

The corrugated hose is manufactured from a cylindrical, thin walled tube formed from rolled strip and welded at the seam. Impressed into this tube is a corrugated annular profile. Annular corrugation means each convolution is perpendicular to the centre line off the hose giving a distinct advantage of movement from each other. When the corrugations are closely spaced, the hose is referred to as "closed pitch" hose. Conversely, when the corrugations are more widely spaced, the hose is referred to as "open pitch".

The ripple of annular corrugated metal hose is generally U-shaped or O-shaped. The hose has the features of tube body soft, wall thickness is thicker, in frequent movement occasions have good application, absorption vibration performance is superior, high pressure, will not produce torque, caliber from 12 mm to 700 mm.

### □ Features-

The high temperature resistance of corrugated metal hose is very good, the range of working temperature from -280 °C to 420 °C. Our metal hose can maintain form and structure up to 700 °C. Stainless-steel metal hose is an



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excellent option as it effectively controls exposure to a wide range of chemicals - both internal and external.

## □ Applications-

The corrugated metal hose is excellent in liquid and gas transfer applications. The hose can be used to transport hot water, high temperature water steam, hot oil, vegetable oil, milk, beer, natural gas and other medium.

Corrugated Metal hose also can be used to manufacture metal pipe compensators. The metal pipe compensator used for absorbing vibration and compensating expansion, shrinkage and torsional of pipe system.

## ➤ FABRIC HOSE-

➤ **Material-** PVC Coated Nylon Fabric Hose

### ➤ **Features**

- Working Temp : - 20° C to + 80°C
- Light duty dust extraction and air movement
- Flexible
- Easy to handle

### ➤ **Applications-**

- Aerospace
- Atomic Plants
- Automobiles
- Engineering
- HVAC
- Industrial Machinery
- Textiles

➤ **Available Sizes-** 2", 4", 6", 8", 10", 12" (3 Meter Piece)



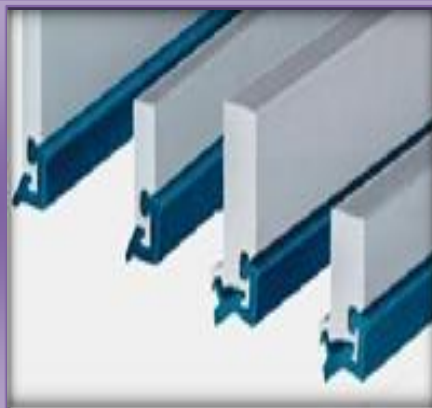
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## Way Wipers & C2PU Lip-



**Kalavijay Engineering** offers high quality Synthetic Rubber & Polyurethane wipers with Stainless Steel casing. Wipers are designed to suit individual requirements. It can be made in Single strip. We also offer standard straight wipers with Steel casing for Each Telescopic cover. It can be cut and used in different sizes.

*!...Thank you...!*





**Office Address** - Block No-2, Jadhav Property, Near Chikhali  
Bus Stop, Pune, Maharashtra 411062.

**Cell** - +91 9284576674

**E-Mail** - [kalavijayengineering2021@gmail.com](mailto:kalavijayengineering2021@gmail.com)

**GST No** - 27CIQPC5127G1Z8