



GURUKRUPA ENGINEERING



PERFECT M/C TOOL PROTECTION COVERS



www.gurukrupabellows.com

www.gurukrupaengg.net

www.bellowcoverindia.com



Gurukrupa Engineering

All Types of Machine Safety Covers, Gardening, & Engineering Job Works

Gurukrupa customer base includes more than 300 companies from large, medium & small scale industries from various sectors. Our range extends from individual components to system solutions, from standard Products to custom-manufactured individual solutions. The application areas of our products are thus just as numerous as the variants in our product range.

Gurukrupa's has well equipped state of art Cad-Cam manufacturing & Testing facilities, skilled experienced Work force experience in respective field to produce in covers in mass for OEM & customize covers for spm & replacement purpose. Whenever shorter production times, higher batch numbers, longer service lives and faster tool changing are required; these are just a few examples of where our products can be used-in addition to cranes, vehicles and many other fields.

TELESCOPIC COVER



A part from standard Telescopic Covers, we also manufacture custom built Telescopic Machine Covers to help you protect machine tool bed/guide ways against any kind of damage by swarf and coolant. These Covers reduce sideways wear, thus maintaining the accuracy of the machine and keeping maintenance cost to a minimum level. Our Vertical and Horizontal Telescopic Covers are made from high grade cold formed steel sheet or

stainless steel sheet in varied thickness ranging from 2mm to 3mm with suitable wiping systems. These Protective Telescopic Covers are well polished using special polishing agent to enhance the appearance of your machine.

We supply the best suitable type of Telescopic Covers for all customary machine designs, whether it is horizontal, vertical, or crossway. We are

efficient to make them in different shapes such as roof shape, rectangular, square tubular, etc in accordance with customers' requirements. Our special designs of Telescopic Covers - Walk on Type, High Speed Covers, etc are available on special demand. They protect Ball Screws, Columns, Spindles and Shafts and prevent the accidental risk. These Covers undergo strict quality check, which enable them to increase the precision of your machines and their life.

BELLOW COVER

We manufacture a wide range of Bellows in various shapes and sizes, which are long lasting and suitable to every application. A Bellow is a device used for delivering pressurized air in a controlled quantity to a controlled location. Bellow are used on all kinds of machines to provide protection for guide ways and spindles, in those cases where no Telescopic covers can be fitted due to space constraints



Materials

Our Bellows are manufactured from superior quality synthetic materials and are long lasting and it can withstand temperatures up to 1000 C and are resistant to all cutting oils and coolants etc.,

MATERIAL USED Nylon Fabric coated with polyurethane, High Tensile Polyamide Fabric, Canvas, Leathered.

Mounting

Bellows are mounted and removed easily. Split type Designs ensure the same. No costly down time for maintenance. Fixing options to suit individual machine are available.

DIFFERENT SHAPES Round, Square, Rectangular, Octagonal, Odd Shapes.

Scissor Left Bellow



Fabric Expansion Joint Bellow



Rollway Covers



Rollway Covers are used, as safety covers where the temperature, heavy coolant, hot chips are main causes of damages. These Steel Rollway Covers are made from best quality steel depending on the work environment, area of protection. Rollway Covers are manufactured from both polyurethane

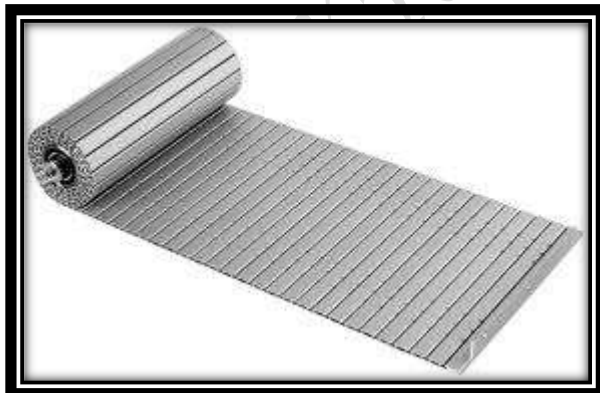
coated fabric and stainless steel. Our manufactured Rollway Covers are widely used to protect slide and guide ways of any kind of machine. These Roll-On Covers can be mounted in horizontal, and vertical for cross slide applications.

Advantages

- For high travel speeds
- Takes up little space
- Customized and low-cost solutions
- Easy to install and long life expectancy
- Poly urethane coated fabric and stainless steel band with or without housing

Materials

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



Apron Covers

Our manufactured Apron Cover is best suitable protective device when there is no compressed length available on machine guide ways for protective device. These Apron Machine Covers are made of both steel and aluminum depending upon application. Our company supplies excellent aluminum Apron Covers for guide way protections in hot chip load conditions.

We manufacture them according to clients' needs and dimensions. They have aluminum strips riveted to each others with PVC coated Nylon Fabric in between the strips to act as a screen. Apron Cover has an angle fitted to one end so that they is can be screwed to the moving table/crossslide and also has

a dead weight at the other end for constant tension & flowing action.

Materials

- Aluminum strips on PVC coated fabrics
- M-S strips on PVC coated fabrics

Way Wipers

Gurukrupa offers high quality Synthetic Rubber & Polyurethane wipers with Stainless Steel casing. Wipers are designed to suit individual requirements. It can be made in different shapes & sizes. We also offer standard straight wipers with Steel casing. It can be cut and used in different sizes. They are temperature resistant upto 1500°C.



- **Aluminium Strip + Polyurethane Lip:** These Wipers have a basic Aluminium Strip encapsulating a high quality PU Lip, which provides excellent Slideway Wiping Capacity. They are available in five sizes out of which three provide Lip protection from Hot Chips (They have frame overhand on the Lip). The aluminium strip (Frame) can be easily drilled to suit your needs. These Wipers are available in stock lengths of 500 mm to 1000 mm.
- **Steel Casing + Polyurethane Lip:** These Way Wipers have total PU Lip protection due to Steel Casing (Frame). The Steel casing can be drilled to suit specific requirements of users & easily fitted to the moving slide/table. They are supplied in standard lengths of 500mm. We also supply Telescoping Guard Wipers suitable for various Metallic Telescopic Guards.

Cable Drag Chain:-

- Cable Drag Chains are designed to guide and support moveable cables / hoses and are available in plastic or steel construction.
- Both steel and plastic chains are available in open or can be fully enclosed to ensure maximum cable protection



Both Steel and Plastic Chains are of outstanding quality and competitively priced. They are available at short notice for replacements and breakdowns or can be supplied to meet your production schedule.

Model No.	A	B	C	D	E	F	WIDTH	HEIGHT	BR	PITCH	Links/Mtr
DC 0	25	20	16	20	35	15	15	10	23	23	30 nos
DC 1	30	25	20	25	48	20	20	14	49	32	27 nos
DC 2	40	35	30	36	55	25	28	18	40	36	22 nos
DC 3	55	48	40	48	70	35	38	24	41	46	22 nos
DC 4	75	67	60	67	70	34	58	24	49	46	23 nos
DC 5	102	92	82	92	110	45	80	32	80	76	13 nos
DC 6	126	114	102	113	110	63	100	40	100	75	13 nos
DC 7	176	164	152	162	110	63	150	40	100	75	13 nos
DC 8	230	218	204	216	110	63	200	40	100	75	13 nos

All dimensions are in mm .

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