



Bellows for Linear Guides



We are specialists in this application and have developed customized bellows for leading international manufacturers such as THK, NSK, Star, INA, SKF and IKO. They are tested for speeds of up to 180 meters per minute.

Bellows for Lift Tables and Elevating Platforms

Our bellows have been tested and approved in multiple ergonomic and material applications including the automotive industry. They protect mechanical and hydraulic components, and are available for platform dimensions of up to 30 square meters.



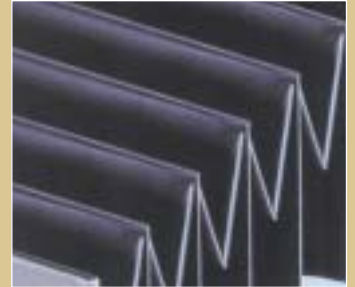
Bellows for Machining Centers

Machining centers often require protection in extreme environments. Our fabric and stainless steel bellows can withstand aggressive emulsions and sharp-edged chips. They are available in a large variety of shapes in different designs.



Bellows for Jet Cutting Machines

Modern jet cutting machines are powered by laser, plasma or water. Our bellows protect the jet canal and the mechanical components such as spindles and guides. In addition, they are impermeable to fluids and heat resistant up to 600°C.

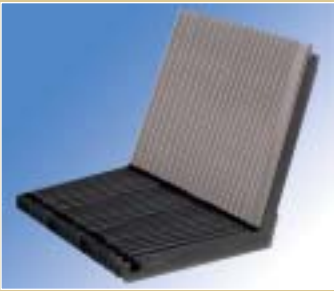


Our bellows can withstand operating temperatures up to 1000°C (1832°F) and maintain speeds up to 300 m/min.

Most materials are self-extinguishing and are resistant to oil, chemicals, coolants and grinding dust.

SHAVER INDUSTRIES INC.

Latest Design and Manufacturing Know-How



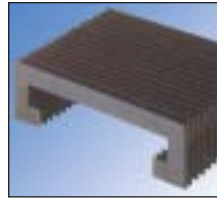
Our strength lies in our ability to create custom designed bellows.



Split style bellows can be retrofitted to existing components.

Thermally Bonded Bellows

One-piece construction and excellent rigidity provide a stable cover that maintains its uniform shape even in long runs. Constructed with PVC stiffeners that are thermally bonded to each fold of material to give a clean, finished look, which will enhance the appearance of your products and machinery.



Rubber Disk Bellows

High quality protective covers for pistons and spindles. The rubber disks are punched out and vulcanized for added durability and elasticity and can be used for most standard and outdoor applications. Alternative materials are available for high temperature applications.



Stitched Bellows

Designed for extreme environments, stitched bellows can handle high temperatures, heavy abrasion and tight compression applications. Stitched bellows offer you an economical solution, especially when covers are not required to be liquid proof.



Molded Bellows

Made with specially formulated PVC, molded bellows are designed to resist alkalis, acids, dust and water. They can withstand operating temperatures from -20°C to +120°C and are available in standard black or transparent material.



Stainless Steel Plated Bellows

For hostile and/or extreme environments, our stainless steel bellows protect against hot chips, welding splatter and heavy chip loading. The steel plates push the debris off of the adjacent steel plate preventing debris from contacting the bellows underneath.



Laminate Polygonal Bellows

Available in almost any shape, these attractive and practical bellows come in horizontal and vertical systems. They give a clean, finished look to your equipment. Laminate polygonal bellows can operate in standard temperature and humidity conditions.



Custom Bellows

Based on our strategic partnership with HEMA Germany, a world leader in the design and manufacture of bellows, we are capable of providing the best possible solution for your application. We have expertise in high speed cutting technology, chip protection, laser beam protection, aggressive grinding coolants and moving-column machines.



Steel Springs

Telescoping steel springs are a heavy-duty alternative for fabric bellows where heat or chip loading may be excessive. They are almost indestructible, precise and available in a wide array of standard sizes. They may be ordered with mounting flanges if required.

