

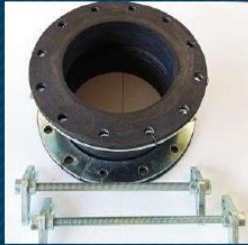
SPPL

**HAND-CAFTED &
MOLDED RUBBER
EXPANSION JOINTS &
BELLOWS**

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HAND-CAFTED & MOLDED RUBBER EXPANSION JOINTS & BELLOWS





HAND-CAFTED & MOLDED RUBBER EXPANSION JOINTS & BELLOWS

FILLED ARCH BUTYL RUBBER BELLOWS

A filled-arch butyl rubber bellow is a type of expansion joint used in piping systems to accommodate movement, reduce vibration, and compensate for thermal expansion. The term describes three key features of the component: its construction material, its internal shape, and its primary function.



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MULTIPLE ARCHED RUBBER BELLOWS

Multiple Arched Rubber Bellows are used exactly as their single sphere counterparts. However, its unique shape and longer length allows greater compression, elongation, lateral and angular movement. This minimizes water hammer, increases noise suppression and dampens hydraulic surge and shock in any system.





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STUB-END RUBBER CONNECTORS

A stub-end rubber connector is a flexible pipe fitting that uses a lap joint stub end to provide a cost-effective, durable, and easily disassembled connection. Unlike rigid flange systems, the rubber component offers flexibility, while the stub end allows for simple, rotatable bolt alignment, making maintenance easier.



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METAL FLANGED BELLOWS

A metal flanged bellow is an expansion joint designed to absorb movements and vibrations in piping and ducting systems, particularly in high-temperature and high-pressure applications. It consists of a flexible, corrugated metal element (the bellows) with flanged end connections for easy installation. These components are essential for maintaining the integrity and safety of systems by compensating for thermal expansion and contraction.



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FOOD & PHARMA GRADE SILICONE

Food and pharma-grade silicone bellows are flexible, accordion-shaped components designed for use in hygienic and sensitive environments where product purity is critical. They provide a reliable, contamination-free connection between processing equipment while accommodating movement, vibration, and thermal expansion.





HAND-CASTED & MOLDED RUBBER EXPANSION JOINTS & BELLOWS

EPDM BELLOWS WITH P.T.F.E LINING

An EPDM bellows with a polytetrafluoroethylene (PTFE) lining is a flexible pipe connector designed to withstand both mechanical stress and highly corrosive chemicals. This combination pairs the excellent chemical resistance of a PTFE inner layer with the strong mechanical flexibility of an EPDM (ethylene propylene diene monomer) rubber body.





HAND-CASTED & MOLDED RUBBER EXPANSION JOINTS & BELLOWS

SINGLE ARCH RUBBER BELLOWS

Single Arch Rubber Bellows are flexible connectors for pipelines and equipment that absorb vibration, dampen noise, and compensate for axial, lateral, and angular movements caused by thermal expansion and misalignment. They feature a self-cleaning, spherical, single arch design for uniform pressure distribution, are reinforced with fabric, and use floating steel flanges for easy installation. These bellows protect equipment in applications like HVAC, water systems, industrial plants, and power generation.





HAND-CAFTED & MOLDED RUBBER EXPANSION JOINTS & BELLOWS

SEAMLESS ELASTOMERIC SEALS

Seamless elastomeric seals are flexible, rubber-like sealing components used in various industries to prevent fluid or gas leakage between mating surfaces. Unlike traditional seals that may have joints or seams, seamless designs are continuous, eliminating potential leak paths and offering superior performance. Their inherent elasticity allows them to conform to irregular surfaces and maintain a tight barrier even under pressure, movement, and extreme temperatures.





HAND-CASTED & MOLDED RUBBER EXPANSION JOINTS & BELLOWS

CUSTOMIZED BELLOW PATTERNS

Customized bellow patterns are precisely engineered flexible components designed for specific industrial applications that cannot be met by standard, off-the-shelf options. The customization is not a matter of pure aesthetics, but is based on modifying key design parameters, materials, and manufacturing processes to meet exact operational requirements for size, movement, media, pressure, and temperature.





HAND-CAFTED & MOLDED RUBBER EXPANSION JOINTS & BELLOWS

PTFE BELLOWS

PTFE bellows are flexible, corrosion-resistant conduits made from polytetrafluoroethylene (PTFE), also known as Teflon, designed to absorb movement, vibration, and misalignment in piping systems. Key features include exceptional chemical inertness, a wide operating temperature range (up to 260°C), high flexibility, and FDA approval, making them ideal for harsh industrial environments, particularly in the chemical, pharmaceutical, and food processing industries.

[Other Products](#)





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CORRUGATED DUST SEAL PROTECTOR

A corrugated dust seal protector is a specific type of protective device designed to prevent the ingress of dust, dirt, and other contaminants into mechanical or electronic systems, often while accommodating movement.

The term "corrugated" refers to a design feature—a pleated or ribbed structure—which is typically found in the shape of a flexible material like rubber or plastic. This shape allows the seal to expand, compress, and flex with the movement of the protected part, all while maintaining a continuous and effective seal.

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BELLOWS FOR DUCTING

Bellows for ducting, often called duct expansion joints or compensators, are flexible components installed within ductwork systems (like those in HVAC and industrial ventilation) to manage movements and protect the system's structural integrity.

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MOLDED SILICONE BELLOWS

Molded Silicone Bellows are flexible, accordion-like protective covers made from high-grade silicone rubber. Their convoluted (ridged) design allows them to easily expand, compress, and bend, making them ideal for sealing moving parts in machinery and compensating for movement.

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JOINTS & BELLOWS**



FLANGED PIPE CONNECTOR

A Flanged Pipe Connector, or pipe flange, is a rigid, projecting rim, edge, or collar used to connect pipes to each other, to valves, or to various pieces of equipment, creating a secure and leak-proof joint. Flanged connections are the second most common joining method after welding, offering the critical advantage of being easily disassembled for maintenance, repairs, or system alterations.

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BELLOWS WITH CONTROL UNIT

They are set to restrict the maximum allowable extension or compression of the bellows (often called Limit Rods or Stops). This prevents the bellows from being over-extended or over-compressed, which could lead to premature failure.

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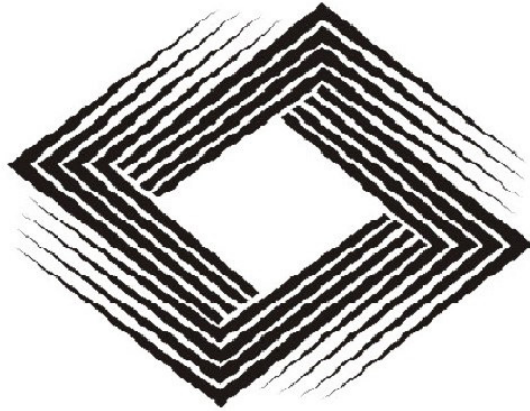


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For more technical information of our products or requesting a quote please write to salniks@salnik.co.in or contact

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