

Bellows



- **Packaging:** Corrugated pipes are generally packaged in protective packaging such as wooden boxes and pallets to ensure that the products are not damaged during transportation.
- **Transportation:** We provide a variety of transportation methods, including sea, air and land transportation, to ensure that the products are delivered on time.

Describe

Bellows are flexible, corrugated pipes made from materials like stainless steel or copper, used in pipelines to absorb deformation from temperature, pressure, and vibration. They are essential for shock resistance, high temperature tolerance, and corrosion resistance, commonly used in industries like petrochemical, power, metallurgy, and shipbuilding.

Product Features

- **Excellent flexibility and elasticity:** The bellows can absorb axial, lateral, and angular displacements, effectively reducing deformation from temperature changes and pressure fluctuations.
- **High pressure resistance:** Capable of withstanding high pressure without rupture, making them suitable for high-pressure pipeline systems.
- **Corrosion resistance:** Made from corrosion-resistant materials like stainless steel and alloy steel, ideal for harsh conditions with chemical or acid-base environments.
- **High temperature resistance:** Stable performance in high-temperature environments, particularly in industries like thermal power, metallurgy, and petroleum.
- **Shock absorption and noise reduction:** Their elasticity helps absorb vibrations, reducing mechanical noise during pipeline operation.
- **Compact structure:** The bellows' compact design is perfect for applications that require space-saving and simplified pipeline systems.
- **Wear resistance:** Constructed with high-strength materials, they offer excellent wear resistance for long-lasting use in demanding environments.

Technical parameters

Material	Stainless steel (304, 316, 316L, etc.), alloy steel, copper alloy, carbon steel, etc.
Specification	DN15 ~ DN1200, customized according to customer needs
Pressure level	Suitable for medium and low pressure (PN6 ~ PN160), high pressure series can also be customized according to needs
Temperature range	-196°C ~ 800°C (temperature range varies depending on material and design)
Wall thickness	Can be customized according to working environment and media type
journey	The stroke of the bellows can be adjusted according to the displacement required to be absorbed
length	The length of the bellows can be customized according to the needs of the installation site
type	Single bellows, double bellows, multi-bellows, etc., suitable for different application environments