



Aspa Manufacturing Pvt. Ltd.

AN ISO 9001 : 2015 CERTIFIED

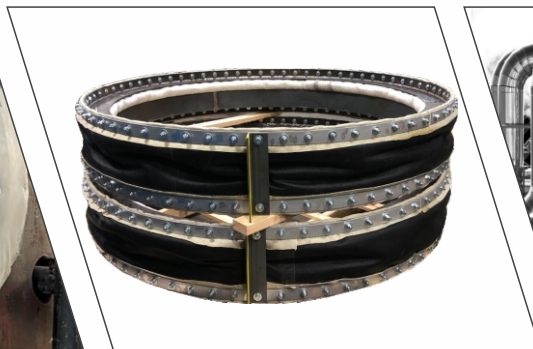
Process Equipments for Pharma,
Dairy, Food & Chemical Industries

All Types of Thermal Insulation

All Types of Expansion Joints (Bellow)



PRODUCT CATALOGUE



QUALITY POLICY

Aspa Manufacturing Private Limited, was established in 2014 to Process Equipments of Pharma, Dairy, Food, Chemical Industries and All types Expansion Joints (Bellow) likes Non metallic expansion joints, Metallic expansion joints, Fabric expansion joints, Rubber Expansion Joints, S.S. Expansion Joints etc., All Types Thermal Insulation likes Valve Jacket Removable Insulation, Turbine Removable Insulation and Heater Removable Insulation etc., to the Pharma, Dairy, Food, Chemical Industries, Power Plants, Refineries, Fertilizer etc. We are based in Chhatral GIDC, Gujarat, India. Quality is important to our business because we value our customers. We strive to provide our customers with products and services which meet and even exceed their expectations.

We are committed to continuous improvement and have established a Quality Management System which provides a framework for measuring and improving our performance. We have the following systems and procedures in place to support us in our aim of total customer satisfaction and continuous improvement throughout our business:

- » Regular gathering and monitoring of customer feedback
- » A customer complaints procedure
- » Selection and performance monitoring of suppliers against set criteria
- » Training and development for our employees
- » Regular audit of our internal processes
- » Measurable quality objectives which reflect our business aims
- » Management reviews of audit results, customer feedback and complaints

MISSION & VISION

Establish Aspa as the premier purveyor of the finest Manufacturing in the world while maintaining our uncompromising principles while we grow.

GOAL & STRATEGY

To improve product quality and customer satisfaction.

MOTTO

The Science of Manufacturing.

OUR COMMITMENT

"We are committed to providing you with not just exceptional products, but also an exceptional experience. From the moment you browse our catalog to the joy of receiving your order, we aim for excellence at every step. We stand by the quality of our craftsmanship and are always here to support your needs.

API PLANT EQUIPMENTS

API Plant Equipment – Active Pharmaceutical Ingredient Plant. The Active Pharmaceutical Ingredient (API) manufacturing process is a series of related operations that result in the finished product.



ASEPTIC PRESSURE & FILLINGS VESSELS

Aseptic pressure and filling vessels are specially designed containers used to hold and transfer sterile products under pressure, crucial for applications like pharmaceutical manufacturing and aseptic filling. They ensure the product remains sterile throughout the process by preventing contamination. These vessels are typically made of stainless steel and are designed for cleaning and sterilization.



CIP/SIP Units

CIP (Clean-in-Place) and SIP (Steam-in-Place) are automated processes used for cleaning and sterilizing equipment, particularly in industries like food, beverage, and pharmaceuticals, where strict hygiene standards are required. CIP involves cleaning the internal surfaces of pipes, vessels, and equipment without disassembly, using a combination of chemicals, heat, and water. SIP then adds sterilization using steam to eliminate microorganisms, often following the CIP process.



M.S & S.S TANK UP TO 100 KL

Mild Steel Tank offer protection against corrosion. Offer high performance and have fewer maintenance needs. This MS Chemical Tank is exactly outlined and affects resistance. Premium quality and perform well in different conditions. Robust design and resistant to corrosion and any environmental challenges. Stainless steel tanks are extensively utilized across various industries such as food, beverage, dairy, pharmaceuticals, and cosmetics, where maintaining cleanliness and purity is crucial. We also provide high temperature Tank Cover.



FERMENTORS / BIO REACTORS & BIO PROCESSING EQUIPMENTS

Fermentors and bioreactors are vessels or systems used to cultivate microorganisms, cells, or tissues in a controlled environment for various biotechnological processes, including the production of pharmaceuticals, biofuels, and other bioproducts.



LIQUID ORAL, SYRUP & SUSPENSION PLANTS

Liquid oral, syrup, and suspension plants are designed for the manufacturing of liquid medications, such as syrups and suspensions, ensuring precise mixing, blending, and filling processes that meet pharmaceutical industry standards.



OINTMENT / CREAM/ LOTION PLANTS

The key difference between creams, lotions, and ointments lies in their oil and water content and resulting texture, which affects their use and effectiveness. Lotions are generally lighter, with higher water content, making them suitable for larger areas and providing lighter hydration.



RO-WFI STORAGE & DISTRIBUTION SYSTEMS

RO-WFI (Reverse Osmosis-Water for Injection) Storage & Distribution Systems are essential for maintaining the purity and sterility of WFI, a high-purity water used in pharmaceutical manufacturing and other applications. These systems store and distribute WFI, ensuring it meets stringent quality standards and is available at points of use.



SOFT GELATIN PLANTS

Soft gelatin plants are facilities that produce soft gelatin capsules, which are used to deliver liquid or semi-liquid formulations, especially in the pharmaceutical and nutraceutical industries. These plants typically include equipment for melting, mixing, and forming the gelatin shell and filling it with the desired substance.



HEAT EXCHANGERS

Heat exchangers are specialized heat transfer devices designed for applications requiring high cleanliness and sterility, like in pharmaceutical and food industries. They transfer heat between fluids without direct contact, preventing contamination. These exchangers are built with materials like stainless steel and feature smooth surfaces to ensure easy cleaning and prevent bacterial growth.



SVP & LVP PARENTERAL PLANTS

SVP and LVP refer to Small Volume Parenterals and Large Volume Parenterals, respectively, which are classifications of sterile injectable pharmaceutical products.



TURNKEY LIQUID PROCESSING PHARMA PLANTS

A turnkey liquid processing pharma plant is a fully equipped and ready-to-operate facility designed for the production of liquid pharmaceutical formulations. These plants are typically provided as a complete package, encompassing all aspects of the project, from design and engineering to construction and commissioning.



RUBBER EXPANSION BELLOWS/ SS EXPANSION BELLOWS

Rubber/S.S expansion bellows are flexible connectors used in piping systems to absorb thermal expansion, vibration, and misalignment. They are made from rubber or SS or other elastomeric materials, often reinforced with synthetic fabrics or metal. These bellows help protect equipment and piping from damage caused by movement and vibration, while also accommodating equipment misalignments.



TURBINE INSULATION PADS

Hot surfaces are insulated by using pads/pillows made from heat resisting fabrics along with insulation wool. In most cases, fabrics made from Fiberglass, Silica or Ceramic are used and pillows are made by inserting ceramic, glass or mineral wool depending on required skin temperature.



REMOVABLE & RE-USABLE VALVES JACKETS

Valves, through which hot gasses or liquids pass, are insulated by wool and cladded with aluminum sheet. This assembly has to be dismantled which wastes time and material. To avoid this, Aspa has introduced removable and re-usable pads. These jackets are made from fiberglass fabrics either coated with silicone rubber or laminated with aluminium foil. Strings or buckles are provided for easy fitting and removal.



FURNACE CURTAINS

Furnace curtains are curtains installed before the opening of furnaces. Furnace curtains stop radiation heat losses to some extent and make surrounding environment comfortable enough to work. These curtains are made from Glass, High Silica or Ceramic fabrics.



WELDING BLANKETS

Welding blankets are used to protect human beings, materials or equipments from splatters/sparks produced during welding or gas cutting. Welding blankets are made from fabrics of Fiberglass, High Silica and Ceramic. Vermiculite coated fabrics are also available. These blankets are generally provided with loops or eyelets for easy hanging.



ALUMINIUM CLADDING FOR PIPE INSULATION

Aluminum Roll Jacketing is the premier protective outer surface for mechanical insulation systems, including pipes, vessels, and equipment. It helps protect the insulation and underlying pipe/vessel from physical damage, UV exposure, corrosive environments, and water.



ALUMINIUM FILTER FABRICS-COMBO BAG-BASKET

Aluminium Filter Fabrics is specially developed and used for molten aluminium filtration, turbulence reduction and flow distribution improvement. The product is weaved from E-glass fiberglass yarn with resin coating. Rigid and with brown colour or black colour (smokeless treated).



ALUMINIUM FOIL PIPE INSULATION (SUPPLY)

Aluminium foil is an excellent insulator. By wrapping it around pipes, you can help maintain the temperature of the water inside, whether it's hot or cold. This can be particularly useful in preventing pipes from freezing in colder climates. The excellent insulating properties of aluminium have been widely recognized and used in the construction industry, for Whether for the insulation of walls, roofs or in window construction.



ALUMINIUM LAMINATED FIBERGLASS FABRIC (SUPPLY)

Aluminium Laminated fibreglass Fabric Glass like Aspa - Insulation aluminum foil coated fiberglass cloth/ Fabric/ Mesh is Light Weight Fiberglass Mesh Backed Foil Insulation Finish Take light weight glass fibrous mesh (only 31g to 300 g) as backing and reflective aluminum foil or film as outer side, this foil mesh insulation jacketing Aspa offer usually be installed for pipe insulation in automobile and so does to wall and roof insulation.



FIBERGLASS FABRIC (SUPPLY)

Fiberglass or fibreglass is a common type of fiber-reinforced plastic using glass fiber. The fibers may be randomly arranged, flattened into a sheet called a chopped strand mat, or woven into glass cloth. Fiberglass is lightweight, strong and less brittle. The best part of fiberglass is its ability to get molded into various complex shapes. This pretty much explains why fiberglass is widely used in bathtubs, boats, aircraft, roofing, and other applications.



HIGH SILICA FABRIC (SUPPLY)

High Silica fabric also commonly known as silica cloth is a special breed of glass fiber fabric characterized by its high temperature resistance. Woven Silica Fabrics are widely used for applications that require high heat resistance, as well as abrasion and/or chemical resistance. This high temperature resistance makes it ideal for use in fire fighting equipment such as in fire proof garments.



SILICONE RUBBER COATED FIBERGLASS FABRIC (SUPPLY)

Silicone-impregnated fiberglass fabric is highly flexible and provides an excellent protection fabric used in insulating blankets and other heat resistant parts. Silicone coating has added water and oil resistance and low smoke and flame retardant. Along with temperature resistance, silicone also has resistant properties for many other materials, including acids, bases, chemicals, water, oil and fungus.



FIBERGLASS FILTER BAG

Fiberglass filter bag is a traditional filter material, at the same time it is also the most widely used filter material in high temperature flue gas dust removal. Fiberglass filter bag is a filter material with reasonable structure and good performance, meanwhile, has the advantages of stable size 、 minimal expansion rate and high intensity. Furthermore, felt fiber structure is in a single fiber state with three-dimensional-pore structure which has high porosity.



PTFE COATED FIBERGLASS BELT

Engineered for performance in the most demanding belting applications, Aspa's Premium Grade PTFE Coated Fiberglass Belts Aspa deliver the best release, highest dielectric strength, and greatest chemical resistance of any Aspa Coating PTFE belt. An extremely smooth, non-stick surface is applied over a woven fiberglass substrate and designed to keep fabric impressions to an absolute minimum.



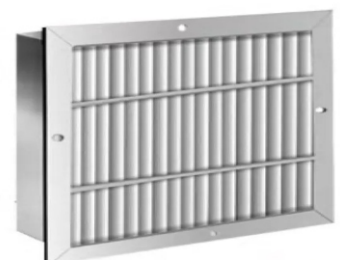
FIRE BLANKET

These are fire-resistant sheets of material that you can use to cover a fire to cut its supply of oxygen or wrap around a person whose clothes are on fire. They're ideal to keep in the kitchen, but they aren't good for general use. A fire blanket is ideal for extinguishing cooking fat fires and can be used to wrap around people if their clothes catch on fire. Pull down sharply on the tabs hanging from the bottom of the package to release the fire blanket.



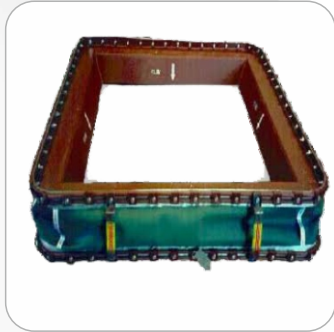
ALUMINIUM PRE FILTER BOX-FLANGE TYPE

Flanged filters are a heavy-duty type filter that is used for high-pressure and high-flow compressed air applications. Pre-filters are typically made from a variety of materials, such as foam, mesh, or fiberglass. The choice of material depends on the specific requirements of the air purifier and the types of particles the pre-filter needs to capture.

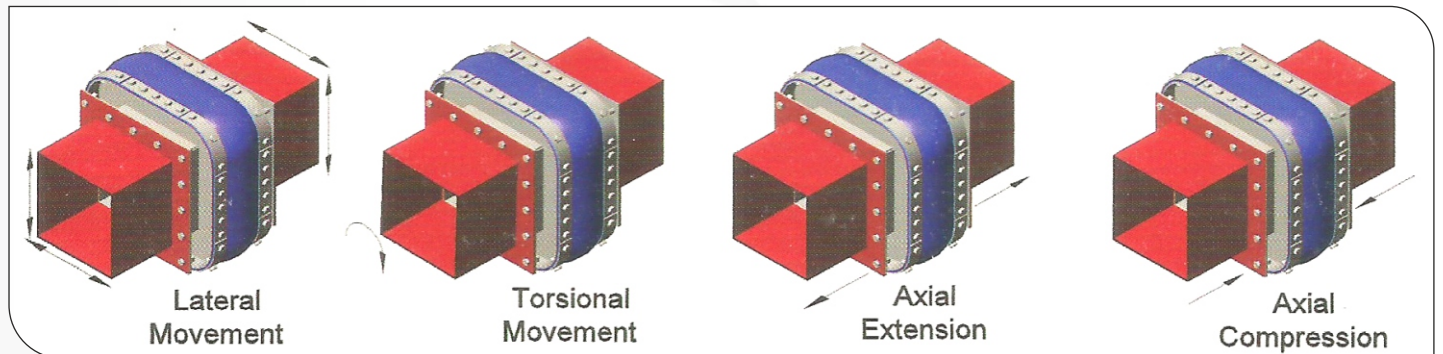


NON-METALLIC/FABRIC EXPANSION JOINTS

“Non-Metallic/Fabric Expansion Joints are flexible connectors designed to provide stress relief in ducting systems by absorbing movements caused by thermal changes. They also act as vibration isolators, shock absorbers and in some instances to make up for minor misalignment of adjoining ducting or equipment.” Fabric Expansion Joints are typically designed for ducts where pressure is low, not more than 3 psi (2000 mm w/c) and temperature up to 1000°C. However, for higher temperatures, duct itself needs to be internally insulated.



SOME TYPICAL MOVEMENTS



Applications :-

Coal / Gas / Lignite fired Power Plants, Cement Plants

Steel, Copper, Zinc, Lead Plants, Paper and Pulp Plants, Refineries

Pharma, Dairy, Food & Chemical Industries

**We also provide service for Process piping,
Utility piping, Orbital welding,
All kind agitator stirrer and Structure work.**

OUR MARKETS



Food



AUTOMOTIVE



INDUSTRIAL REFINERY



PETROCHEMICAL PLANT



STEEL & LIQUID PLANT



MARINE



HVAC ENGINEERING



DAIRY



BIOENERGY



ENERGY PLANT

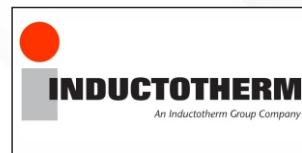


LIQUOR



PHARMACY

OUR CLIENTS



Aspa Manufacturing Pvt. Ltd.



ASPA MANUFACTURING PVT. LTD.

📍 Plot No.: 3214, Multi Level Shed No.: T-3, Phase-3, Chhatral GIDC,
At- Chhatral, Ta- Kalol, Di- Gandhinagar, Pincode-382729, Gujarat, India

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