



AEROSELL HYDRAULICS AND PNEUMATIC COMPANY

ONE STOP QUALITY PRODUCTS.

WE ARE ASSEMBLERS OF
AEROSELL HOSES AND PARKER HOSES

- HOSE PIPE
- PNEUMATICS
- INSTRUMENTATION TUBE FITTINGS
- ERMETO FITTINGS
- HIGH PRESSURE VALVES
- RUBBER SHEET





HYDRAULIC HOSE PIPE

Aerosell Hydraulics And Pneumatic Company started its journey more than 4 decades ago. We were one of the first people to start dealing in **High Pressure Hydraulic Hoses**, working with almost all Indian manufacturers as well as Importing from various world-renowned manufacturers from countries such as the United Kingdom, Germany, Italy, China, and others. We have a vast range of hydraulic hoses with working pressure up to 2500 bar.

Through constant effort, innovation, teamwork, and the use of cutting-edge technology, today we are one of the most reputable business houses, manufacturing, importing, and distributing a wide range of hoses.



INDUSTRIAL AND CHEMICAL HOSES

Industrial flexible hoses are used to convey such media (substances, products) as fluids, gases and solids under pressure (delivery hoses) or under vacuum, in suction conditions (suction hoses). Compared to a permanent pipe installation (pipeline), they enable easy assembly, eliminate vibrations and installation movements. The flexible hoses are intended for various industrial applications at pressure ranging from low and medium up to several tens of bar. They are divided into a number of groups depending on application, hose material and construction.

WHEREAS CHEMICAL HOSE ARE USED INTO PHARMACEUTICALS APPLICATIONS SUCH AS PASSING OF HIGHLY ACIDIC FLUIDS.



SS FLEXIBLE HOSE

SS flexible hose assemblies are often used where rubber, plastic, PTFE, or other types of hose ducts are unsuitable. Reinforced corrugated metal hose provides for the transfer of liquids or gases, and is engineered to handle extreme temperature and pressure. Metal hose may be appropriate where other types of hoses are not, such as the transfer of extremely high temperature liquids or gases or transferring extremely cold (cryogenic) liquids

Aerosell Hydraulics and Pneumatic Company is committed to serving our customers with the largest selection of hoses and materials in the corrugated metal hose industry. Whether we are designing specialty hose assemblies for OEM applications or supporting our network of distributors, Aerosell Hydraulics and Pneumatic Company has the dedication and resources to meet the needs of today's industrial requirements

Every single Aerosell Hydraulics and Pneumatic Company corrugated metal hose assembly is tested for leak integrity.



RUBBER AND SS EXPANSION BELLOW

Aerosell Hydraulics and Pneumatic Company designs and manufactures corrugated expansion joints from the simplest standard expansion joints to highly complex expansion joints which are designed especially based on Individual customer requirements. Corrugated expansion joints are single or multi-layered stainless-steel expansion joints with a high level of expansion absorption and a low spring rate. They are used as flexible pipe connections in mechanical engineering, power unit and pipeline construction, in district heating and exhaust pipes as well as in industrial and sprinkler systems.

We Manufacture SS Expansion Bellow in SS 304, SS 316, And SS 321. All Bellows are tested before delivery.



SILICONE AND PVC HOSES

Silicone tubing is a tough elastomer with high strength, flexibility, and resistance. Silicone tubing can be stretched without tearing and is highly versatile. It cannot be weakened with repeated bending and twisting due to its significant flexibility. Because silicone tubing is very hygienic and non-toxic, it can be produced as a medical-grade material, making it a popular choice for healthcare and medical applications.

Silicone has properties that allow it to work well over a broad range of temperatures and adapt easily to sudden changes in weather and temperature. Silicone tubing has a major role in a variety of industries and applications involving the transfer of liquids and gasses. It has a fantastic range of properties that make it the preferred material for tubing in many situations.

We are as industrial hose manufacturers, customers can avail industrial hoses in different materials like plastic, rubber, PTFE, stainless steel, etc. Some of these industrial hoses are designed for light duty commercial applications such as foundries, vacuum cleaners etc.



THERMOPLASTIC HOSES

Thermoplastic hose are high pressure and temperature sustaining hose which come in wire as well as nylon braiding. It has a layer of ptfe in the tube which makes it a unique product. These hoses are used in oil, water, sewer industries, paints, air, grease, acids and many more.



LOW PRESSURE HOSES

Textile braided low pressure hydraulic hose is commonly applied to suction and return line, anti-static delivery line, and vacuum applications for petroleum and water-based hydraulic fluids, especially where tight routing is urgently required. It is also including return hoses, lube lines and air lines without brake applications.



FOOD GRADE HOSE AND BREWERY HOSE

Food-grade hoses allow the clean and secure transfer of liquid and dry bulk food materials. Since they contact food products, the hose material needs to be correct for the application to prevent any foreign substance leakage into the food products moving through them. Therefore, the hose must meet specific standards to prevent deterioration that could cause food quality, smell characteristics, purity, or taste issues. The food-grade hoses are designed not to add odors to products, contamination, or flavors to the conveyed material, nor does it absorb odors. This helps keep the taste and aroma of the final product intact.



OXYGEN AND NITROGEN FILLING HOSES

These are high pressure and temperature sustaining hoses used in filling of cryogenic gases and liquids. These hoses are amazingly flexible hose covered with SS 304 braiding and can come with leashing guards for safety purposes.



PTFE HOSES AND FABRICATION

Polytetrafluoroethylene, or PTFE for short, is one of the common names for Teflon. PTFE hose is used in stainless steel hose so the hose lasts much longer than rubber hose or rubber encased in stainless steel. It has many benefits over rubber products. this type of hose resists all types of fluids and chemicals, including gas, ethanol, transmission fluid, brake fluid, power steering fluid and antifreeze.



MINIMESS HOSE

Minimess hoses are microbore hoses that come in the standard lengths of DN2. Max working pressure 630 bar. Same fittings or different fittings on both sides. These hoses are testing hoses mostly attached to a pressure gauge.

HYDRAULIC FITTINGS



We Aerosell Hydraulics and Pneumatic Company have vast range of fittings.

We Manufacture All kind of fittings in MS ,SS and Brass.

Types of Fittings:

Hydraulic Hose Fitting: These are mostly fittings crimped on hose pipe which can be differentiate by male and female type. The common threading used are BSP, BSPT, NPT,METRIC, UNE JIC, etc.



QRC: QRC is short name of Quick release couplings or Quick disconnecting couplings or Quick couplings.

Camlock: Camlock fittings are a type of hose coupling. This means that they are a way to connect or disconnect a hose or pipe in a speedy, efficient way without having to involve complex tools or equipment.



Adaptors: Hydraulic adapters are used to connect hydraulic hoses and pipes to pumps, valves, hydraulic cylinders and other parts of the hydraulic system.

NRV: Non Return valve is used to ensure unidirectional flow of fluids. This valve is Self Operated valve and doesn't require any hand wheel or gear for operation. It is available in variety of size, rating and design.



ERMETO FITTINGS



CLAMPS AND CLIPS



INSTRUMENTATION TUBE FITTING



Union

Elbow

Tee



Cross

Bulkhead

Connector



Female
Connector

Male Elbow

Male 45° Elbow



SS Nut
& Ferrule

SS HEX
NIPPLE

SS HEX PLUG



INSTRUMENTATION TUBE FITTING



SS Bushing



SS PIPE
NIPPLE



SS ROUND
COUPLING



SS HEX
COUPLING



SS NRV



SS QRC



SS NEEDLE
VALVE



SS M/F
NEEDLE VALVE



SS
OD VALVE



SS SQUARE BODY
BALL VALVE



PNEUMATICS



ACCESSORIES



Dowty Seal



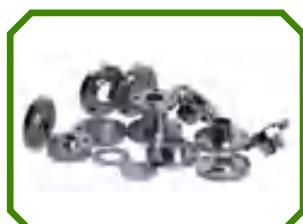
Viton O Rings



Split Flanges



Flanges



TC Fittings



TC Clamps



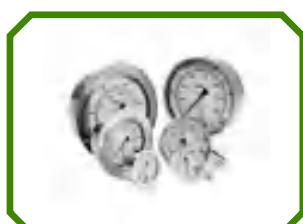
Socket Weld Union



Seamless Pipe Fittings



Pressure Gauges



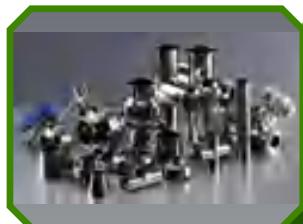
Grease Nipple



Copper Fittings



SS Dairy Fittings



ACCESSORIES



Sight Glass



High Pressure
Square Body
Ball Valve
Upto 1000bar



4 Way
High Pressure
Valve.



Square
Flange



Instrumentation
Manifolds



TC Clamps



Oil Level
Indicator



Aluminium
Foil Hose



Ventilation
Hose



JIC Flare Fitting



Fire Fighting SS Sprinkler Hose



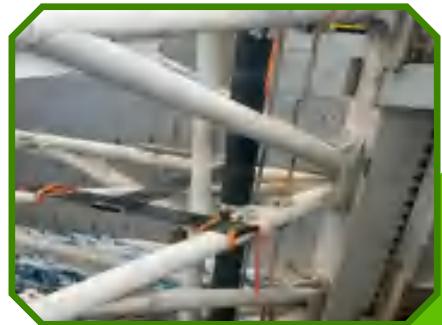
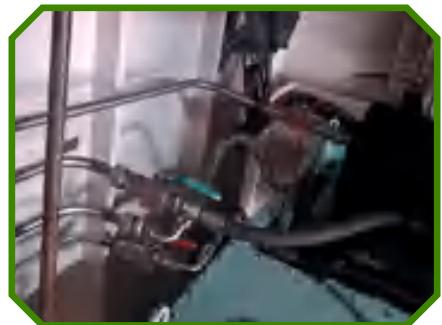


CERTIFICATES



WORK DONE BY US:

HALODECK AVIATION PIPELINE OF INS VISHAKHAPATNAM,
INS MARGAO, INS IMPHAL ONGC RIG SAGAR RATNA, RIG SAGAR JYOTI.



SOME OF OUR VALUABLE CUSTOMERS



**AEROSELL HYDRAULICS AND
PNEUMATIC COMPANY**
ONE STOP QUALITY PRODUCTS.

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