

Your trusted Partner in Pipeline Solutions

QATAR



INTRODUCTION

SERVETECH TRADING AND CONTRACTING WLL is a reputable supplier and service provider with a focus on high-quality MEP services, trading, engineering, and fabrication. Established in 2013 in the State of Qatar, Servetech has built a strong presence in the region, emphasizing innovation and excellence in its operations. The company has garnered the trust of its customers through extensive product knowledge, superior service quality, a steadfast commitment to performance, and the adoption of advanced technology.

Our Products Include

- ▶ HDPE PIPES & FITTINGS (SDR-09, SDR-11, SDR-17, SDR-26).
- ▶ HDPE GEOMEMBRANE/LINER, HDPE SHEETS.
- ▶ HDPE WELDING MACHINES & ACCESSORIES (ELECTROFUSION, BUTTFUSION, AND PRESSURE TESTING PUMP ETC.
- ▶ PVDP, PPR, UPVC, AND CPVC PIPES & FITTINGS.
- ▶ COPPER, BRASS, SS, GI, MS, AND DI PIPE AND FITTINGS.
- ▶ DI VALVES, MECHANICAL COUPLERS, AND FLANGE ADAPTORS, DISMANTLING JOINT, ETC.
- ▶ STEEL TEST PLUGS, MECHANICAL & INFLATABLE BALLOONS.
- ▶ DEWATERING HOSES, ACCESSORIES, TANKS, WATER LEVEL INDICATOR, ETC.
- ▶ HANGING CLAMPS AND MAN-HOLE COVERS.
- ▶ LEAK DETECTION AND PIPE LOCATORS.
- ▶ MOLDED EPDM GASKET WITH HARDENERS 70.

Our Fabrication Capabilities Include:

- ▶ PUDDLE FLANGES, ANTI-VORTEX PLATES (HDPE, UPVC, SS, GI, MS, GRP, SPOOLS, MANIFOLDS, ETC).
- ▶ GREASE TRAPS AND OIL INTERCEPTORS (PVC, HDPE, MS, SS).
- ▶ METAL BOLLARDS, BACKING RINGS, AND BLIND FLANGES.
- ▶ MANIFOLDS, TANKS, DRIP TRAYS, SUPPORTS, ETC.
- ▶ GRP BASKETS AND COVERS.

Our Core Services Include:

- ▶ HDPE PIPE WELDING (BUTTFUSION/ELECTROFUSION UP TO 1200MM DIAMETER).
- ▶ HDPE MACHINE RENTAL (WITH OR WITHOUT TECHNICIAN).
- ▶ HYDROSTATIC PRESSURE TESTING.
- ▶ HDPE LINER INSTALLATION.
- ▶ HDPE EXTRUSION WELDING FOR RC PIPES AND TANKS.
- ▶ WELDING MACHINE SERVICES AND CALIBRATION.
- ▶ GRP LAMINATION WORK.
- ▶ CHILLED WATER PIPING AND PRE-INSULATION WORKS.
- ▶ CS, SS, DI PIPE FABRICATATION, WELDING (6 G) AND WELDING WITH ALLOY RODS.
- ▶ COPPER PIPE BRAZING AND COPPER BALL BRAZING.
- ▶ EQUIPMENT RENTAL SERVICES (GENERATOR, WELDING MACHINE, AND BOOM TRUCK, ETC).

PLASTIC PIPE, FITTING

HDPE PIPE AND FITTING

High-density polyethylene (HDPE) pipe fittings are utilized in various industries due to their corrosion resistance, high strength, and durability. This article will examine the properties, types, and applications of HDPE pipe fittings.

Properties of HDPE Pipe Fittings

HDPE is a thermoplastic polymer with a high molecular weight and density. Its notable mechanical properties include high strength, flexibility, and impact resistance. Other important properties of HDPE pipe fittings include:

Corrosion Resistance:

HDPE is resistant to corrosive agents, making it suitable for use in environments with acidic or alkaline solutions.

Thermal Stability :

HDPE can withstand high temperatures, making it appropriate for high-temperature applications.

Chemical Resistance:

HDPE is resistant to many chemicals, including mild acids, bases, and solvents.

UV Resistance :

HDPE resists UV radiation, making it suitable for outdoor applications.

Types of HDPE Pipe Fittings

Several types of HDPE pipe fittings are available, including :

Buttfusion Fittings : Buttfusion is a common method for joining HDPE pipes and fittings. Buttfusion fittings are used to connect two HDPE pipes or to create branch connections.

Electrofusion Fittings : Electrofusion fittings utilize an electric current to melt the HDPE material at the joint, forming a robust and dependable connection. These fittings are suitable for both above-ground and buried pipelines.

Compression fittings : Compression fittings employ a compression nut and ring to establish a leak-proof seal between the HDPE pipe and the fitting. These fittings are straightforward to install and appropriate for low-pressure applications.

Transition fittings : Transition fittings serve to connect HDPE pipes to other piping materials, such as PVC, steel, or ductile iron.

Applications of HDPE Pipe Fittings

HDPE pipe fittings have a wide range of applications across various industries, including:

Water Supply : HDPE pipe fittings are commonly employed in water distribution and transmission systems due to their resistance to corrosion and long-term durability.

Gas distribution : HDPE pipe fittings are extensively used in natural gas and propane distribution systems because of their leak-free, corrosion-resistant, and durable properties.

Mining : In mining operations, HDPE pipe fittings are utilized for slurry transport, acid leaching, and wastewater treatment.

Oil and Gas : HDPE pipe fittings are favored for oil and gas pipelines due to their resistance to chemicals, abrasion, and stress cracking.

Industrial : HDPE pipe fittings are used in numerous industrial applications, including chemical processing, power generation, and pulp and paper mills.

Available Brands :
NTG Plastik
Turan Borfit



HDPE Pipe Weight Chart

ISO 4427-2 :2007 / Amendment 1 / 15-04-2014. Plastics piping systems — Polyethylene (PE) pipes and fittings for water supply												
Dimensions in millimeters												
Nominal size DN/OD	Standard Dimension Ratio (SDR)											
	SDR 7.4		SDR 9		SDR 11		SDR 17		SDR 21		SDR 26	
	Pipe Series											
	S 3,2		S 4		S 5		S 8		S 10		S 12,5	
	Wall Thickness ^a											
	S	Mass in kg/m	S	Mass in kg/m	S	Mass in kg/m	S	Mass in kg/m	S	Mass in kg/m	S	Mass in kg/m
40	5,5	0.607	4,5	0.514	3,7	0.434	2,4	0.299	-	-	-	-
50	6,9	0.945	5,6	0.796	4,6	0.673	3,0	0.458	-	-	-	-
63	-	-	7,1	1.27	5,8	1.06	3,8	0.728	-	-	-	-
75	-	-	8,4	1.78	6,8	1.48	4,5	1.03	-	-	-	-
110	-	-	12,3	3.82	10	3.18	6,6	2.19	5,3	1.79	4,2	1.45
125	-	-	14,0	4.92	11,4	4.12	7,4	2.79	6,0	2.29	4,8	1.86
160	-	-	17,9	8.04	14,6	6.74	9,5	4.57	7,7	3.75	6,2	3.08
180	-	-	20,1	10.2	16,4	8.51	10,7	5.77	8,6	4.71	6,9	3.83
200	-	-	22,4	12.6	18,2	10.5	11,9	7.12	9,6	5.84	7,7	4.74
225	-	-	25,2	15.9	20,5	13.3	13,4	9.03	10,8	7.37	8,6	5.96
250	-	-	27,9	19.6	22,7	16.3	14,8	11.1	11,9	9.02	9,6	7.38
280	-	-	31,3	24.6	25,4	20.5	16,6	13.9	13,4	11.4	10,7	11.9
315	-	-	35,2	31.1	28,6	25.9	18,7	17.6	15,0	14.3	12,1	11.7
355	-	-	39,7	39.5	32,2	32.9	21,1	22.4	16,9	18.2	13,6	14.8
400	-	-	44,7	50.1	36,3	41.7	23,7	28.3	19,1	23.1	15,3	18.0
450	-	-	50,3	63.4	40,9	52.8	26,7	35.8	21,5	29.3	17,2	23.7
500	-	-	55,8	78.1	45,4	65.2	29,7	44.2	23,9	36.1	19,1	29.2
560	-	-	-	-	50,8	81.7	33,2	55.4	26,7	45.2	21,4	36.6
630	-	-	-	-	57,2	103.0	37,4	70.2	30,0	57.0	24,1	46.4
710	-	-	-	-	-	-	42,1	89.0	33,9	72.6	27,2	59.0
800	-	-	-	-	-	-	47,4	113	38,1	92.0	30,6	74.7

NOTE 1 bar = 0.1 MPa = 10⁵ Pa; 1 MPa = 1 N/mm²

a PN values are based on C = 125.

b Tolerances in accordance with ISO 11922-1:1997, grade V, calculated from (0.1mm + 0.1) mm rounded up to the next 0.1 mm. For certain applications for e ≥ 30 mm, ISO 11922-1:1997, grade 1, tolerances may be used calculated from 0.15 mm rounded up to the next 0.1 mm.

c The calculated value of e_{min} according to ISO 4065 is rounded up to the nearest value of either 2.0, 2.3 or 3.0. This is to satisfy certain national requirements. For practical reasons, a wall thickness of 3.0 mm is recommended for electrofusion jointing and lining applications.

UPVC PIPE AND FITTING

UPVC PIPE FITTING

A UPVC pipe fitting is a detachable piece utilized to connect two pipes or tubing, applicable to both mechanical and plumbing operations. These fittings, also known as connectors, can be made from various materials. UPVC stands for polyvinyl chloride, an affordable and easy-to-work-with material. Typically gray in color, UPVC pipes are used for supplying and draining water, whether it is clean or dirty. Additionally, UPVC pipes serve the purpose of housing electrical cables to protect them from exposure or damage by keeping them off walls or the ground.

Types of UPVC Fittings Available

Several common types of UPVC Fittings include :

Tees : UPVC tee fittings feature three ends, with one perpendicular to the other two forming a T-shape. They are commonly used in UPVC structures and plumbing projects.

Crosses : A pipe cross fitting is designed for the intersection of four pipes. These fittings are often employed in constructing frameworks using UPVC pipes.

Elbows : Elbow fittings are available with either a 45-degree or 90-degree bend and are used to change the direction of a pipe system.

Couplings : UPVC coupling fittings are cost-effective and simple. They join one pipe to another or a pipe to a fitting, typically forming a permanent connection.

Unions : Similar to couplings, unions are designed for easy removal and reassembly, offering a more flexible connection option. Unions feature a central ring that acts as a separator, facilitating deconstruction and maintenance.



Available Brands :
PIMTAS
ATLAS



PPR PIPE AND FITTING

PPR pipes (Polypropylene Random Copolymer Pipes) are high-technology plastic pipes made from polypropylene and ethylene copolymers. They are essential for hot water systems, handling temperatures from -20°C to 95°C . Typically green or white, these pipes come with various fittings and accessories tailored to each diameter.

FEATURES OF PPR PIPES

Low Thermal Conductivity :

Minimizes heat loss/gain during fluid transfer.

High-Temperature Resistance :

Withstands temperatures up to 95°C .

Long-Lasting :

Lifespan of up to 50 years under extreme conditions.

Economic Efficiency :

Easy to transport, cut, join, and use without extra chemicals.

Corrosion - Resistant :

Resists corrosion from acidic / alkaline substances.

Easy to Install :

Lightweight, reducing installation time and costs.



APPLICATIONS OF PPR PIPES

Hot and Cold Water Supply :

Suitable for residential, commercial, and industrial systems, including heating.

Chemical Transport :

Ideal for industrial chemical transportation due to corrosion resistance.

Agricultural Irrigation:

Durable and chemical-resistant for irrigation.

Infrastructure :

Used in sewage, drainage, and cable conduits due to resistance to corrosion and abrasion.



Available Brands :

Bänninger
Aquatherm

PVDF PIPE AND FITTING

PVDF (Polyvinylidene Fluoride) pipes and fittings handle a wide range of chemicals without reacting. Our PVDF pipes meet domestic and international quality standards and can be delivered promptly.

PVDF have High Performance :

Retains stiffness at high temperature and resists organic / inorganic media

Safety :

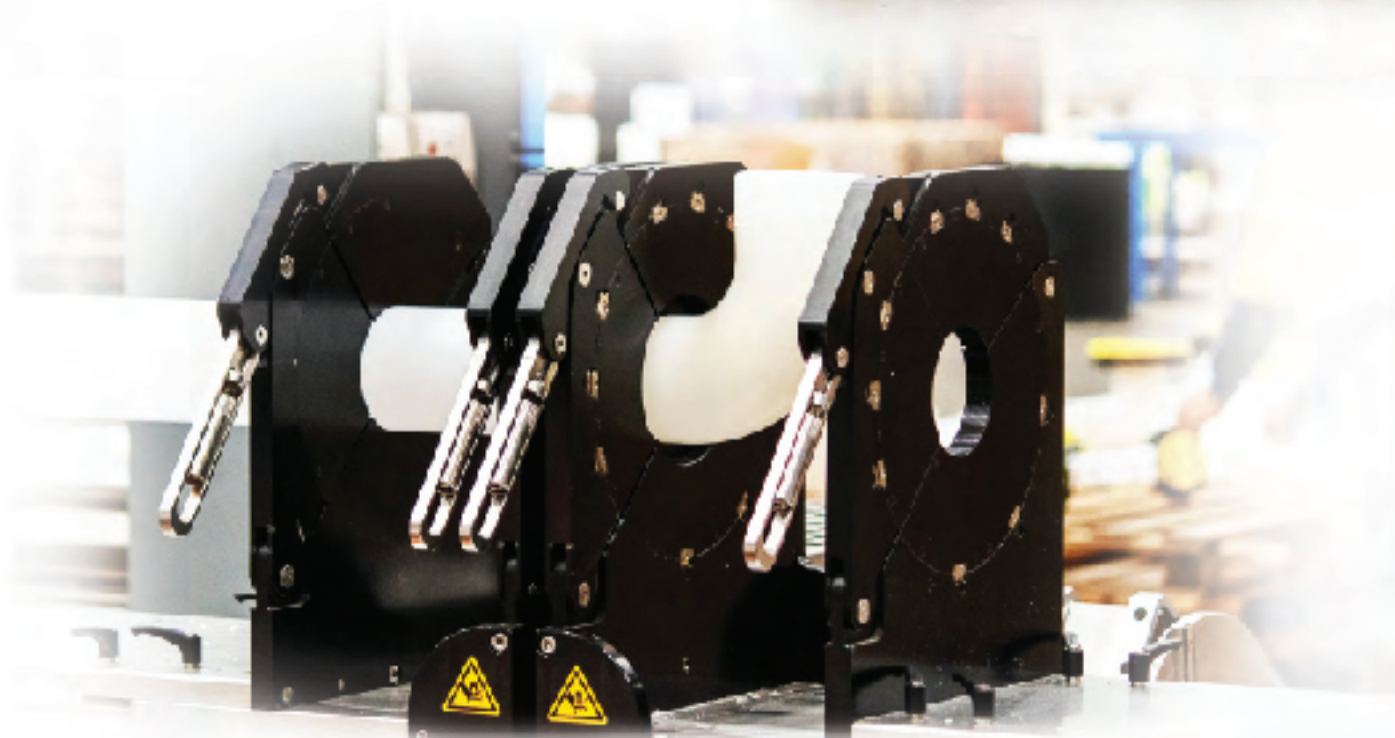
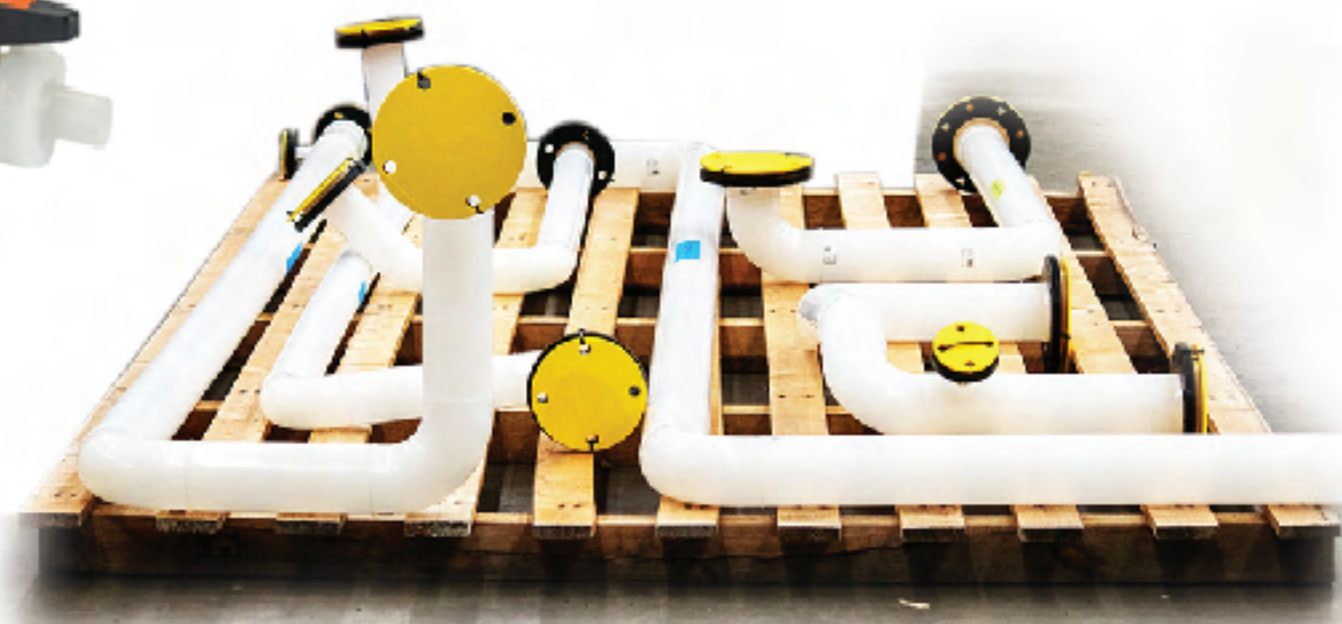
Physiologically safe with low flammability.

APPLICATIONS OF PVDF PIPES

PVDF Pipe and Fittings :

Excellent thermal conductivity, long service life in acidic environments, pure materials, and secure welded joints.

Available Brands : AGRU



CPVC Pipe and Fitting

CPVC PIPES IN HOT AND COLD-WATER PLUMBING

Chlorinated Polyvinyl Chloride (CPVC) pipes are thermoplastic pipes used in potable cold and hot water plumbing. CPVC pipes are well-suited for hot and cold water plumbing in both residential and commercial settings. Our CPVC Pro product is designed to handle temperatures up to 93°C and offers excellent impact resistance without compromising pressure-bearing capacity or tensile strength. It is resistant to scale and bacterial growth, ensuring safe, potable water. Available in copper tube sizes (CTS) from 15 mm (½") to 50 mm (2"), these pipes are manufactured with standard dimensional ratios (SDR) 11 and

CPVC Pipes in Industrial Plumbing

CPVC pipes are widely used in industrial applications requiring resistance to corrosive chemicals and high temperatures. These pipes are ideal for chemical processing plants, wastewater treatment facilities, and other industrial fluid handling systems. Our Chem Pro product is specifically designed for reliable performance in harsh industrial environments.

Available Brands :
FLOWGUARD



METAL PIPE AND FITTING

CARBON STEEL PIPE FITTINGS

Carbon steel pipe fittings are crucial components for connecting pipes to form a continuous pipeline, ensuring proper fluid flow. These fittings come in various shapes and sizes, suitable for applications in plumbing, oil and gas, and chemical industries. Made of carbon steel, an alloy of iron and carbon, they are ideal for handling high pressure and temperature levels.

Types of Carbon Steel Pipe Fittings

The market offers various types of carbon steel pipe fittings, each serving a specific purpose. Common types include :

- Elbows** : Change the pipeline's direction.
- Tees** : Connect different pipes.
- Reducers** : Decrease the pipe's diameter.
- Couplings** : Connect two pipes with similar diameters.
- Nipples** : Short pipes used for connecting other pipes.
- Caps** : Close off the end of pipelines.



Choosing the Right Carbon Steel Pipe Fittings

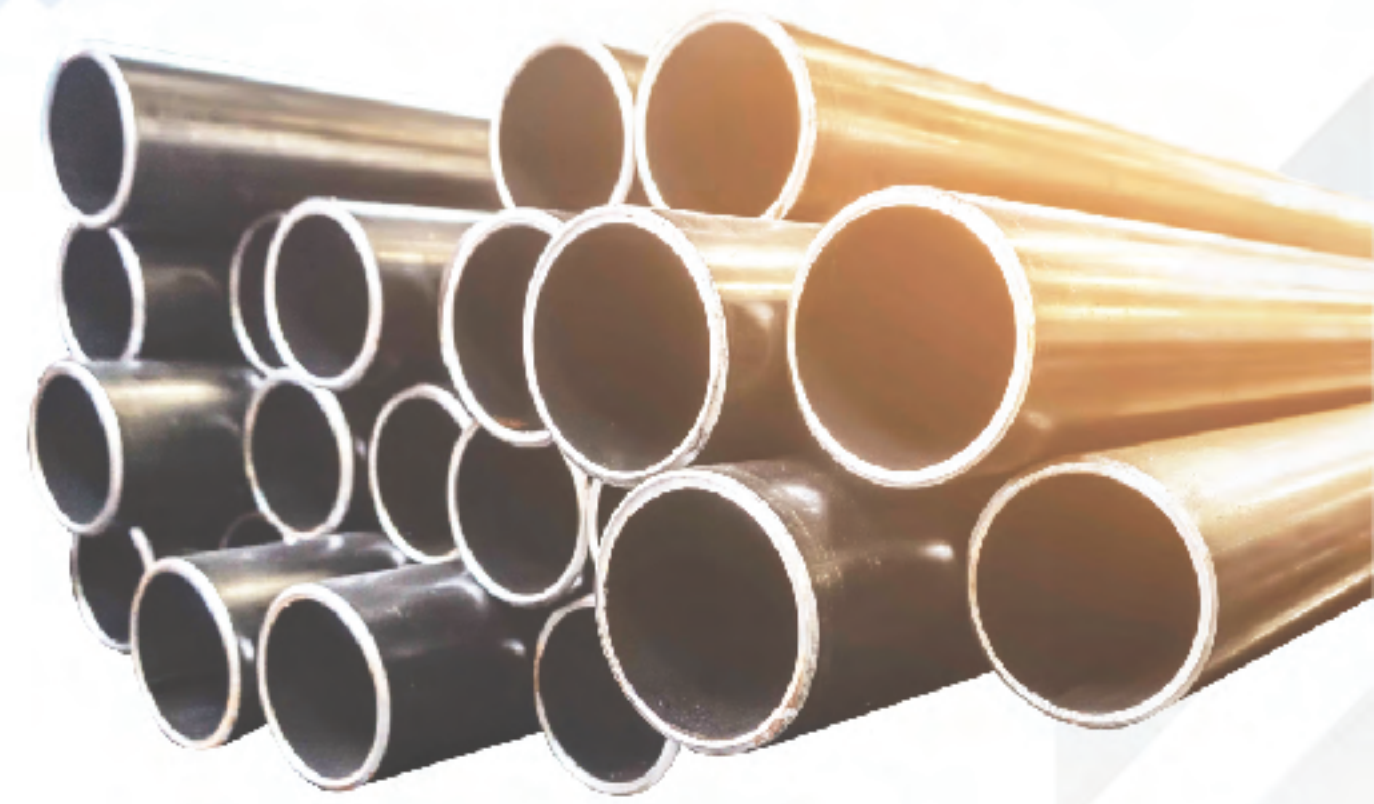
Selecting the right carbon steel pipe fittings can be challenging, especially if you are not familiar with the different types and their applications. Consider factors such as the material's grade, the size of your pipe, the fitting's connection type, and the fitting's pressure rating. It is also essential to select fittings that meet required industry standards and specifications.

Conclusion

Carbon steel pipe fittings are durable, versatile, and cost-effective solutions for connecting pipes, making them suitable for various applications. Choosing the appropriate type can be difficult without knowledge of the different options and their applications. When selecting carbon steel pipe fittings, consider the material's grade, size, connection type, pressure rating, and industry standards. This guide aims to help you make informed decisions for your next project.

Forged Fittings

Forged fittings are specialized components used in piping and plumbing systems, typically made by shaping and compressing metal, like stainless steel or carbon steel, under high pressure and temperature. Designed to connect and control fluid flow in pipelines, they are stronger and more reliable than traditional cast fittings. Commonly used in industries such as oil and gas, chemical, and petrochemical, forged fittings are essential for customizing complex piping systems.



Available brands for fittings:

OSTAR- (CHINA)

B.K.L. (THAILAND)

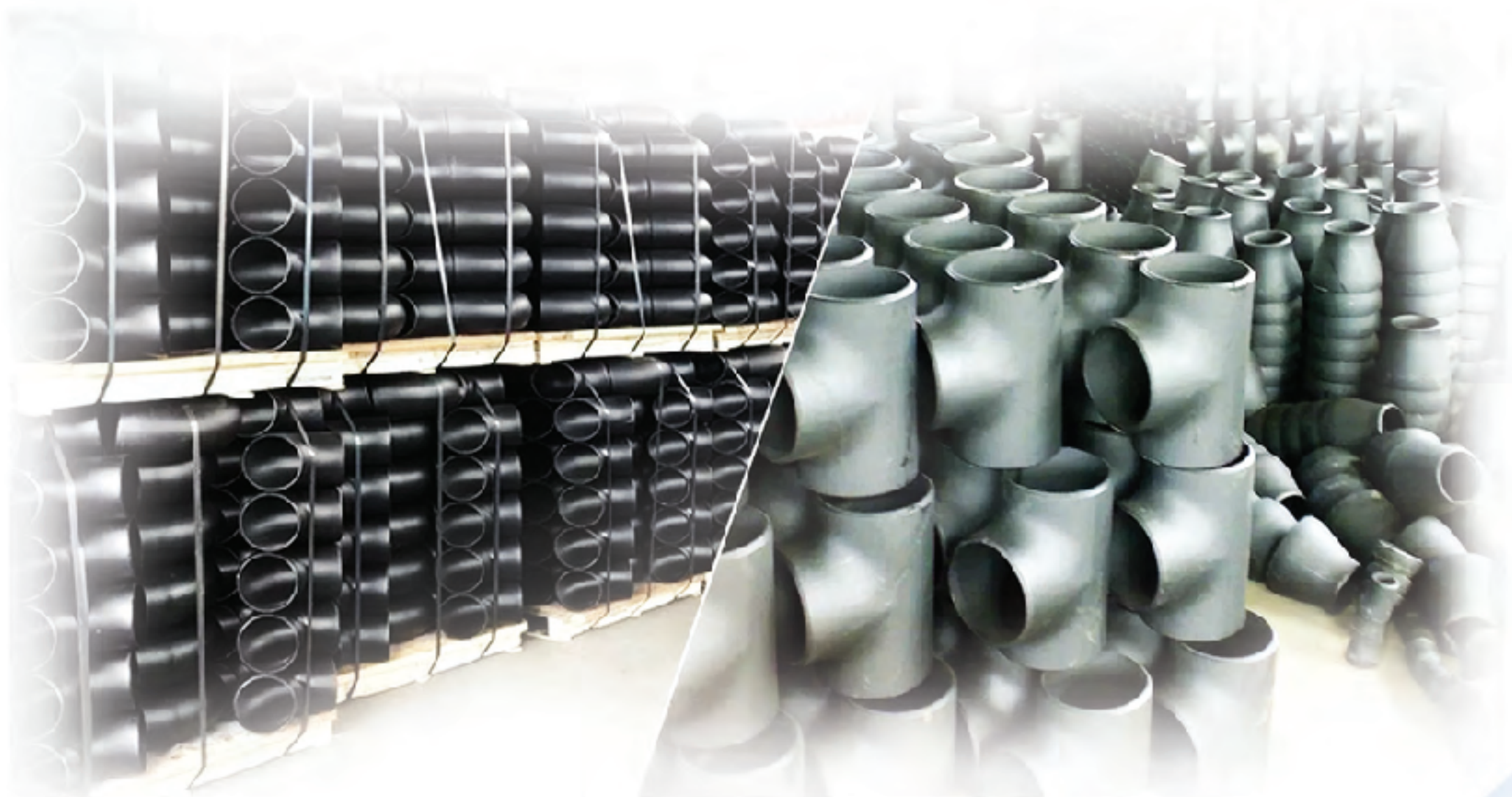
Available brands for MS Pipes:

Al Jazeera, Oman

UTP - UAE

SOORYA - INDIA

APPOLO - INDIA



STAINLESS STEEL PIPE AND FITTING

Stainless Steel Pipe

Stainless steel pipes resist rust due to their chromium content (minimum 10.5%). They may include carbon, manganese, silicon, nickel, and molybdenum, enhancing formability and corrosion resistance. Popular grades include 316 and 304 / 304L.



Stainless Steel Butt-Weld Fittings

Buttweld fittings change direction, branch, or adjust pipe diameter in piping systems. They adhere to ASME B16.9, EN10253-4/-3, ISO 05251, GOST, and JIS standards.

Product Features

Low-pressure stainless steel threaded fittings, precision casting, manufactured to ISO 4144, MSS SP-114, and GB/T26120 standards; customized orders available.



Material	: ASTM351 CF8, CF8M (304, 316).
Standard	: ISO 4144, MSS SP114, EN 10241.
Material	: ASTM A351 CF8, CF8M (304, 316).
Thread	: DIN EN ISO 228 G, NPT, BSPT, BSPP, DIN EN 10226-1 (ISO 7-1), ASME/ANSI B1.20.1.
Pressure	: Class 150/10-20 bar.

Forged Fittings, Threaded Fittings and Socket-Weld Fittings

Forged fittings, including threaded NPT and socket-welding (SW) types, are used for high-pressure connections. Available materials: stainless steel, alloy steel, nickel alloy, etc. Standards: ASME B16.11, BS 3799.

Weld Fittings :

Elbow (90°, 45°), Tee, Reducing coupling, Welded End Cap, Union, Reducing Socket,

Branch Fittings:

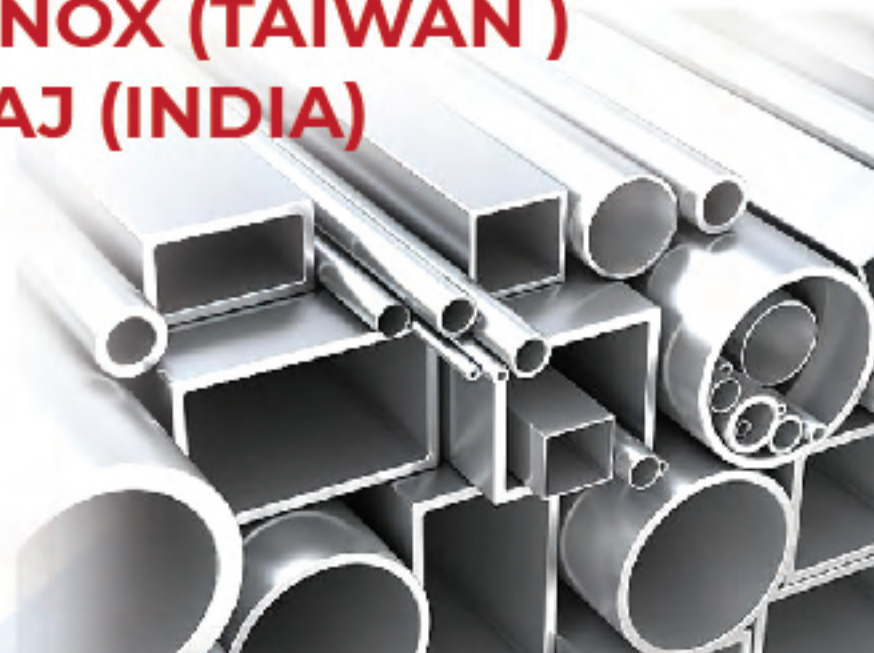
Weldolet, Thredolet, Nipple

Threaded pipe fittings:

Elbow (90°, 45°), Tee, Full/Half coupling, Reducr, End Cap, Hexagon head plug/bushing/nipple/nut, Union, Socket.

Available Brands :

YC INOX (TAIWAN)
VIRAJ (INDIA)



DUCTILE IRON PIPE AND FITTINGS

Ductile iron pipe, also known as DI pipe, is a type of cast iron pipe used in various applications due to its unique properties. This article will explore its uses and advantages.

Water Distribution

Ductile iron pipe is commonly used for water distribution systems due to its high resistance to corrosion and durability, making it reliable for underground water mains and fire hydrant systems.

Sewer and Wastewater Applications

It is ideal for sewer and wastewater systems, handling underground stresses and chemical attacks effectively.

Industrial Applications

DI pipe is widely used in industrial pipelines for chemicals and abrasive materials due to its strength and resistance to corrosion.

Irrigation

Its toughness makes it suitable for irrigation systems, which involve long stretches of underground piping.



Available Brands :
ELECTROSTEEL
SAINT GOBAIN

Advantages of Ductile Iron Pipes

Strength and Durability : Ideal for withstanding high stress in underground pipelines.

Resistance to Corrosion : Essential for water and sewer systems, ensuring longevity.

Chemical Resistance : Suitable for transporting industrial substances and corrosive materials.





COPPER PIPE FITTINGS

Feeling overwhelmed by the variety of copper pipe fittings? This guide simplifies it all for your DIY plumbing projects.

What are copper pipe fittings?

These pieces join or terminate copper piping and come in various shapes and sizes, like couplings, elbows, tees, reducers, unions, and caps. They provide a reliable seal and are durable, resistant to corrosion, and malleable.

Types of Copper Pipe Fittings

Brass fittings : high corrosion resistance, ideal for hot water.

Copper sweat fittings : used for residential and commercial water supply lines.

Compression fittings : perfect for tight spaces.

Flare fittings : Secure connections for gas and water.

Push-fit fittings : Easy to use with minimal tools.



Choosing the Right Copper Pipe Fittings

Consider application, temperature, pressure, size, type of pipes, quality certifications, and pressure rating labels when selecting fittings.

Conclusion

Copper pipe fittings are essential in the plumbing industry. Understanding their types, proper installation, maintenance, advantages, and disadvantages ensures a reliable plumbing system.

Available Brands :
MUELLER
YORKSHIRE



OTHER PRODUCTS AND SERVICES

All types of Plastic and Metal Fabrication

ENGINEERING - PLASTIC

Servetech operates in the engineering sector, providing both "in-house" and "on-field" engineering capabilities for comprehensive piping solutions.

The in-house engineering team at Servetech adheres to the philosophy of meeting customer requirements. All products and services provided by Servetech follow stringent quality procedures, technical support, and performance warranties. Pre- and post-sales technical support is available to ensure service quality.

Under the guidance of skilled engineers, technicians manufacture standard products such as grease traps, dry manholes, long radius bends, puddle flanges, and perforated baskets, as well as specialized fittings including manholes at various angles and special GRP-wrapped headers to meet site requirements.

Servetech also fabricates GRP laminated fittings, velocity breakers, and mixers and offers on-site lamination for manholes, fittings,

and piping systems. High-quality raw materials and welding techniques are used. Technicians additionally perform secondary operations to provide a complete package.

IN HOUSE ENGINEERING

Fabrication : Servetech maintains an inventory of pipes and fittings for fabrication and site installations. Skilled fabricators and high-quality equipment contribute to the company's capabilities in this field.

Custom Components : Servetech fabricates custom components like 'Y' branches, offsets, spools, headers, sleeves, end caps, puddle flanges, and PE gully traps using pressure and extrusion welding methods.

Machine Repair Servicing : The technical team repairs and services Fusion mechanic machines and offers training and certification for Fusion welding machines.

Technicians and supervisors receive training in high-density polyethylene and jointing techniques, ensuring precision in fabricated products. This expertise and professionalism guarantee quality assurance for all HDPE fabrication projects undertaken by Servetech.

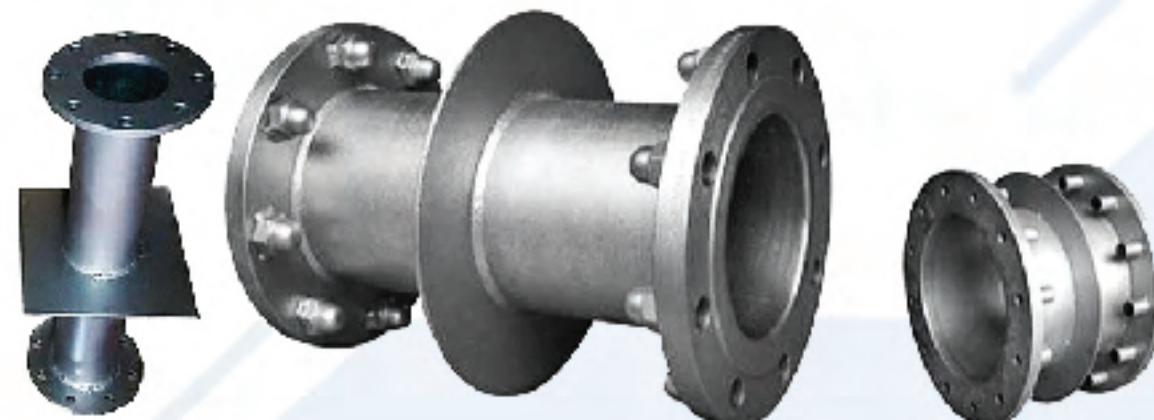


ENGINEERING - METAL

Servetech is a premier provider of both standard and custom-designed metal fabrication services, catering to both indoor and onsite projects. Our team comprises highly qualified engineers and certified ARC & TIG welders, supported by skilled fabricators with technical expertise in welding, fabrication, installations, and repairs of various metals such as stainless steel, copper, brass, mild steel (MS), and galvanized iron (GI).



Our metal fabrication division undertakes comprehensive projects that include design, welding, fabrication, and site installation. We specialize in constructing mezzanine floors, ladders, cat ladders, spiral staircases, gates, fences, warehouses, project signboards, cement silos, aggregate bins, aggregate storage sheds, storage tanks, diesel tanks, water tanks, handrails, wall cladding structures, pump rooms, piping works, puddle flanges, backing rings, spools, headers, blind flanges, and plant skids.



GRP Pipe Lamination

GRP (Glass-reinforced plastic) pipe lamination is the process of applying layers of fiberglass-reinforced plastic material to the exterior or interior of a pipe using a resin system to create a strong and durable composite material. GRP pipe lamination is used in various applications, including water and sewage systems, oil and gas pipelines, and industrial piping systems.

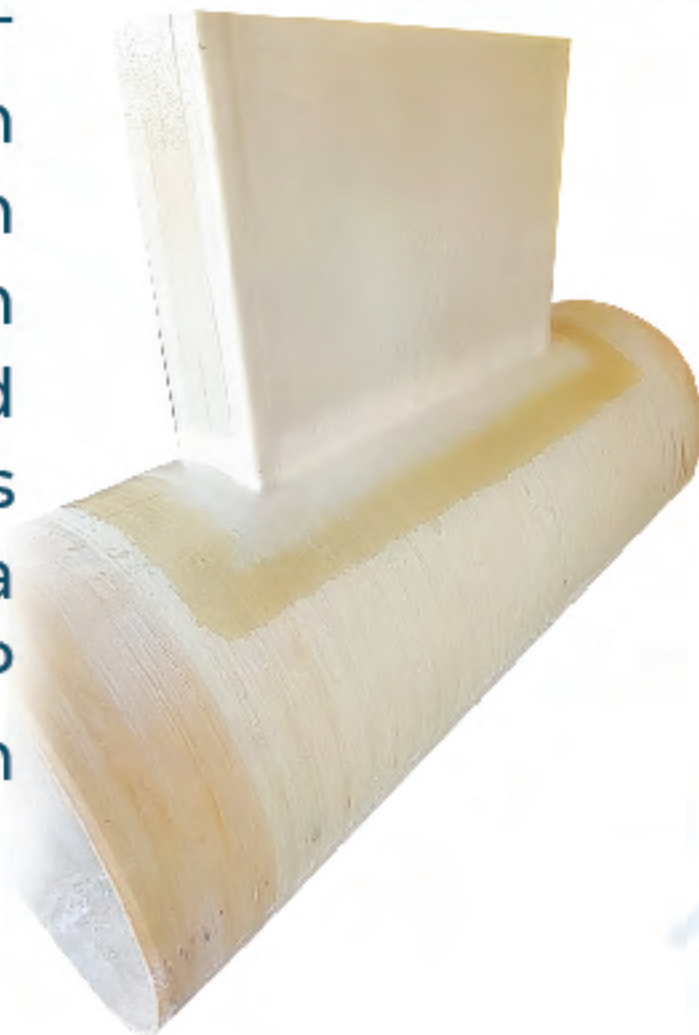
The GRP pipe lamination process typically involves several steps: surface preparation, applying the resin system, and layering the fiberglass material onto the pipe. The resin system is usually a two-part mixture consisting of resin and hardener, which forms a chemical reaction that causes the resin to harden and bind the fiberglass layers together.

During the lamination process, care must be taken to ensure that the fiberglass layers are evenly distributed and that the resin is fully cured. Once the lamination is complete, the resulting composite material is strong, lightweight, and resistant to corrosion, making it suitable for use in harsh environments.

GRP pipe lamination is a versatile process that can create pipes of various sizes and shapes and can be customized with different resins and fiberglass materials to meet specific requirements. It is important to work with experienced professionals who have the necessary expertise and equipment to perform the work safely and effectively, as proper surface preparation and application of the resin system and fiberglass layers is crucial for a successful GRP pipe lamination project.



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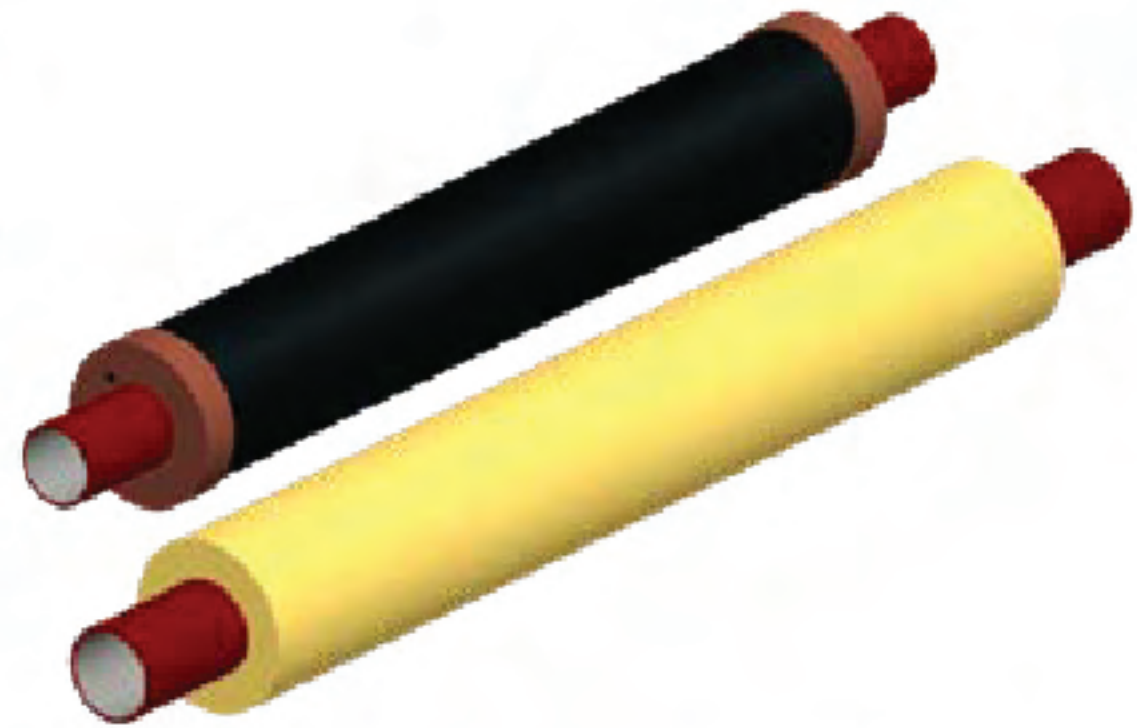


SERVETECH produces the following pre-insulated pipes :

- Pre-insulated steel carrier (ERW & seamless) pipe with HDPE/GRP/GI spiral casing pipe
- Pre-insulated GRP carrier pipe with HDPE/GRP casing
- Pre-insulated HDPE carrier pipe with HDPE casing
- Pre-insulated ABS carrier pipe with HDPE casing
- Pre-insulated pipe with leak sensor cable for leak detection system
- Pre-insulated pipe fitting (factory pre-insulated)
- Pre-insulated pipe fitting fabrication as per site requirement
- Pre-insulated flange and welded valves

SERVETECH pre-insulated pipes provide safe, cost-effective, energy-conscious, and fuel-efficient solutions in a wide range of industrial, commercial, and domestic applications:

- District cooling
- Underground cooling and HWS mains
- Corrosive chemical pipes
- Above-ground cooling and HWS mains
- Geothermal water pipes
- Process fluid pipes
- Secondary refrigerant pipes
- Temperature-sensitive product lines
- Chilled water mains



The SERVETECH pre-insulated pipe range comprises an extensive range of standard pre-insulated pipes and fittings in various service pipe materials. Additionally, components and assemblies can be pre-fabricated and pre-insulated as required.

Benefits & Features:

- High integrity and durable finished product.
- Excellent thermal characteristics.
- Comprehensive range of pipes, fittings, and equipment.
- Range of service pipe material options.
- Quick and easy to install, maximizing on-site efficiency.
- Permanently sealed against ingress of external fluids.
- Can be prefabricated to specific site requirements.
- Ideal for below and above ground use.



Supply of valves and mechanical joints:

Servetech supplies high-quality non-ferrous plumbing fittings suitable for all applications within the plumbing and heating industry. Our comprehensive product portfolio includes a diverse range of compression fittings, copper and copper alloy plumbing fittings, and valves available in various configurations and sizes.

PEGLER manufactures an extensive selection of brass compression and capillary fittings, as well as bespoke solutions for the OEM market. Our offerings also include a wide array of valves and stopcocks, alongside our **malleable IRON RANGE**. Our product line includes items such as brass fittings, valves, nuts, levers, handles, stops, drains, plumbing components, radiators, and both straight and angled fittings for various applications.

We distribute **VIKING JOHNSON, GALA** pipe product connection accessories, including Unifit Couplings, Ultra Clamps, PolyGrip, Bellow, LP Couplings, Repair Collar, Steel Fittings and Flanges, EvoGrip, and EPNS Product Range.

Servetech supplies pumps, valves, instrumentation, and control systems made of thermoplastics for environmental and surface technologies, chemical plants, and the metallurgy sector.

Servetech provides a variety of solutions for handling aggressive, corrosive, and water-polluting substances.

Their product range includes pressure monitoring valves, pressure relief valves, pressure reducing valves, submersible pumps, centrifugal pumps, standard pumps, acid pumps, plastic valves, and control valves.

Gate Valves : Available in diameters ranging from 50mm to 600mm as F+ Type and from 50mm to 300mm as F5 Type.

Strainers : Available in diameters ranging from 50mm to 900mm.



Float & Board Level Indicator

A float & board level indicator is a mechanical device that provides an easy-to-read visual indication of liquid levels in large storage tanks. The float, which sits on the liquid surface, is connected to a counterweight and a graduated board or scale, which moves to reflect the level inside the tank. It's a cost-effective solution for non-pressurized storage tanks in the water, oil, and fuel industries.



DESCRIPTION

Float & Board Level Indicators provide accurate and reliable fluid level measurement in tanks and vessels. These indicators utilize a simple yet effective float mechanism to monitor fluid levels in real-time, ensuring optimal process control and safety across various industrial sectors.

Key Features :

Accurate Fluid Level Monitoring : Achieve precise measurement for consistent fluid levels in tanks and vessels.

Durable Construction : Designed to withstand harsh industrial environments and provide long-lasting performance.

Easy-to-Read Visual Indicator : Clear, direct visual readings for quick and easy monitoring.

Corrosion-Resistant : Ideal for use with aggressive chemicals and fluids, offering enhanced durability.

Versatile Applications : Suitable for various industries, including water treatment, chemical, food and beverage, and oil & gas.

Applications :

Chemical & Petrochemical Industries : Monitor liquid levels in storage tanks, reactors, and separators.

Water & Wastewater Treatment : Ensure effective fluid monitoring in treatment plants and reservoirs.

Food & Beverage : Track levels in production tanks to maintain consistent quality.

Oil & Gas : Accurately measure fluid levels in storage and pipeline systems.

Energy & Power : Monitor fluid levels in cooling tanks and condensate systems.

Why Choose Float & Board Level Indicators?

By choosing Float & Board Level Indicators, you ensure precise fluid level measurement and reliable monitoring for your operations. The indicators are engineered for durability, offering a cost-effective solution for industries that require high accuracy in fluid level management.

TANK LEVEL GAUGE COCKS



Dimensions:

Size	DN15	DN20	DN25
BSP Connection	1/2"	3/4"	1"
Tube Diameter (OD)	12mm, 16mm	12mm, 16mm, 20mm	16mm, 20mm, 25mm
A	50mm	50mm	65mm
B	30mm	30mm	45mm
C	30mm	30mm	45mm

Materials	
Body	Brass/Stainless Steel
O-Rings	Rubber

Pressure & Temperature		
Materials	Pressure	Temperature
Acrylic Tube	10 Bar	60 - 80 Deg.C
Glass Tube	6 Bar	100 Deg.C

General

The Brass wheel operated gauge cocks are suited for general purpose applications. The top and bottom fittings have wheel operated valves with a drain cock on the bottom fittings.

Features & Benefits

Sight Glass & Acrylic tubes are cut to size if required.

Acrylic tubes are available in 2mtr standard length & Glass Tubes are available in 1.5 mtr length.

Couplings are available to connect the acrylic/glass tubes as per requirement.

Spare sealing rings available.

WHEN GLASS TUBE AND ROD GUARDS ARE REQUIRED IT IS NECESSARY TO STATE THE DISTANCE BETWEEN THE CENTRES AT WHICH THE GAUGES ARE TO BE FITTED



Installation and leak rectification work

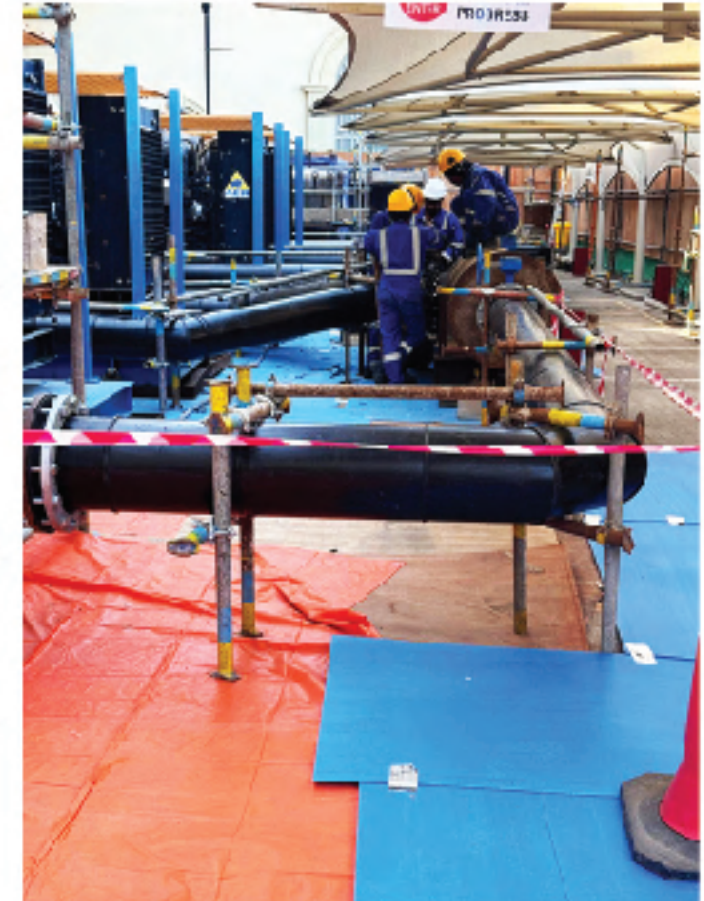
Servetech offers exceptional engineering support for various HDPE network applications, including water, chilled water, drainage, dewatering, firefighting, and chemical systems.

ON SITE ENGINEERING

Contract Jobs : We manage projects comprehensively, from material supply to installation, welding, and testing of HDPE pipelines, utilizing both Buttfusion and Electrofusion jointing methods.

Machine Rentals : We offer rentals of HDPE welding machines along with expert, certified welders.

Shutdown Jobs : We provide emergency repair and maintenance services on a 24x7 call basis.



ENGINEERING -Electromechanic

Servetech's MEP division specializes in site installation, commissioning, and maintenance for projects of any size. Our services include high-rise buildings, villas, warehouses, and industrial sectors.

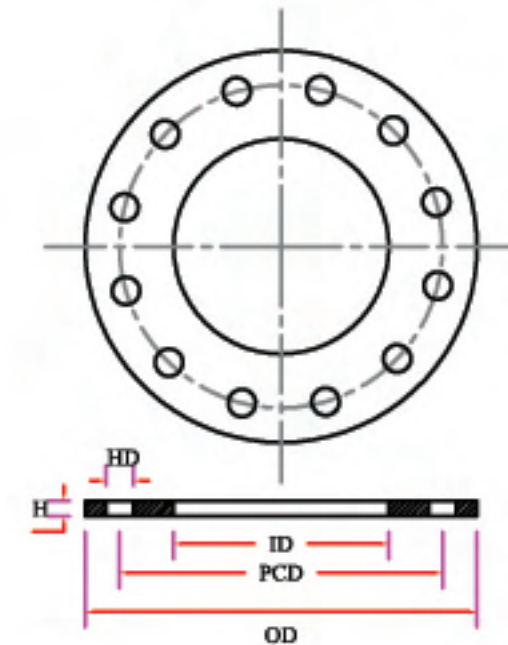
We have successfully completed numerous prestigious projects across Qatar and are equipped to handle district cooling jobs.

EPDM GASKET

EPDM Rubber Extruded Gaskets provide high protection against leakage. Known for their resistance to heat and tolerance of pressure, their demand is quite high. Manufactured as per the set industrial norms and guidelines, the offered gaskets are of optimum quality. Offered at a very reasonable price and in various customized designs, these products are highly demanded.

Features:

Can be manufactured according to client's specifications
Especially for high-quality.



SIZE (mm)	OD (mm)	PCD (mm)	ID (mm)	HD (mm)	HOLES (nos)	H (mm)
50	150	110	40	18	4	3
63	165	125	51	18	4	3
75	185	145	61	18	8	3
90	200	160	73	18	8	3
110	220	180	90	18	8	3
125	220	180	102	18	8	3
140	250	210	114	22	8	3
160	285	240	130	22	8	3
180	285	240	147	22	8	5
200	340	295	163	22	12	5
225	340	295	184	22	12	5
250	405	355	204	26	12	5
280	405	355	229	26	12	5
315	460	410	257	26	12	5
355	520	470	290	26	16	5

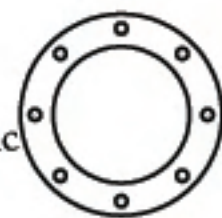


GI BACKING RING

A GI Backing Ring Flange is a circular metal ring, with holes around the perimeter, used in pairs to bolt two HDPE pipes together, or used when installing flanged components, eg. water meters, isolation valve, check valves. This allows length of PE pipe to be disconnected and reconnected, for inspections, replacement or relocation. The internal diameter of the mild steel backing ring flange should always be slightly larger than the outside diameter of the HDPE pipe.

CHARTS PN 16 / ANSI

Backing Flanges, Steel
for Butt Fusion Systems metric



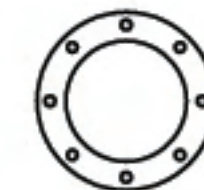
Model:

* Bolt circle PN 16 Drilling

AL : number of holes

d [mm]	DN [mm]	PN	OD [mm]	PCD [mm]	ID [mm]	H/D [mm]	THIC [mm]	AL	BOLT CIRCLE
20	15	16	95	65	28	14	8	4	M12
25	20	16	105	75	34	14	8	4	M12
32	25	16	115	85	42	14	8	4	M12
40	32	16	140	100	51	18	8	4	M16
50	40	16	150	110	62	18	10	4	M16
63	50	16	165	125	78	18	10	4	M16
75	65	16	185	145	92	18	10	8	M16
90	80	16	200	160	108	18	10	8	M16
110	100	16	220	180	128	18	12	8	M16
125	100	16	220	180	135	18	12	8	M16
125	125	16	250	210	135	18	12	8	M16
140	125	16	250	210	158	18	12	8	M16
160	150	16	285	240	178	22	16	8	M20
180	150	16	285	240	188	22	16	8	M20
200	200	16	340	295	235	22	16	12	M20
225	200	16	340	295	238	22	16	12	M20
250	250	16	405	355	288	26	16	12	M24
280	250	16	405	355	294	26	16	12	M24
315	300	16	460	410	338	26	20	12	M24
355	350	16	520	470	376	26	20	16	M24
400	400	16	580	525	430	30	20	16	M27
450	500	16	715	650	517	33	25	20	M30
500	500	16	715	650	533	33	25	20	M30
560	500	16	840	770	618	36	30	20	M33
630	600	16	840	770	645	36	30	20	M33
710	700	16	910	840	740	36	35	24	M33
800	800	16	1025	950	845	39	35	24	M36
900	900	16	1125	1050	947	39	35	28	M36
1000	1000	16	1255	1170	1050	42	40	28	M39
1200	1200	16	1485	1390	1260	48	50	32	M45

Backing Flanges



Model:

* Bolt circle ANSI-150 Drilling

AL : number of holes

d [mm]	DN [mm]	ANSI -150	OD [mm]	PCD [mm]	ID [mm]	H/D [mm]	THIC [mm]	AL
1/2	20	ANSI -150	88.9	60.3	29	15.9	8	4
3/4	25	ANSI -150	98.4	69.8	35	15.9	8	4
1"	32	ANSI -150	107.9	79.4	42	15.9	8	4
1 1/4"	40	ANSI -150	117.5	88.9	51	15.9	8	4
1 1/2"	50	ANSI -150	127	98.4	62	15.9	10	4
2"	63	ANSI -150	152.4	120.6	78	19.0	10	4
2 1/2"	75	ANSI -150	177.8	139.7	92	19.0	10	4
3"	90	ANSI -150	190.5	152.4	108	19	10	4
4"	110	ANSI -150	228.6	190.5	128	19	12	8
5"	140	ANSI -150	254	215.9	158	22.2	12	8
6"	160	ANSI -150	279.4	241.3	178	22.2	16	8
8"	200	ANSI -150	342.9	298.4	235	22.2	16	8
10"	250	ANSI -150	406.4	361.9	288	25.4	16	12
12"	315	ANSI -150	482.6	431.8	338	25.4	20	12
14"	355	ANSI -150	533.4	476.2	376	28.6	20	12
16"	400	ANSI -150	596.9	539.7	430	28.6	20	16
18"	450	ANSI -150	698.5	635	517	31.7	25	20
20"	500	ANSI -150	698.5	635	533	31.7	25	20
22"	560	ANSI -150	812.8	749.3	618	34.9	30	20
24"	630	ANSI -150	812.8	749.3	645	34.9	30	20
28"	710	ANSI -150	927.1	863.6	740	34.9	35	28
32"	800	ANSI -150	1060.4	977.9	845	41.3	35	28
36"	900	ANSI -150	1168.4	1085.8	947	41.3	35	32
40"	1000	ANSI -150	1289	1200.1	1050	41.3	40	36
48"	1200	ANSI -150	1511.3	1422.4	1260	41.3	50	44

LEAK DETECTION AND PIPE LOCATORS

PERIJA PLUS™ is a professional NRW (Non-Revenue Water) reduction equipment. This newest water leak detector works in a wide frequency range with 9 band-pass filters and has been equipped with an additional Filterot™ function. This accurate, sensitive, and innovative water leak detection system has been equipped with internal GPS, Bluetooth and memory.

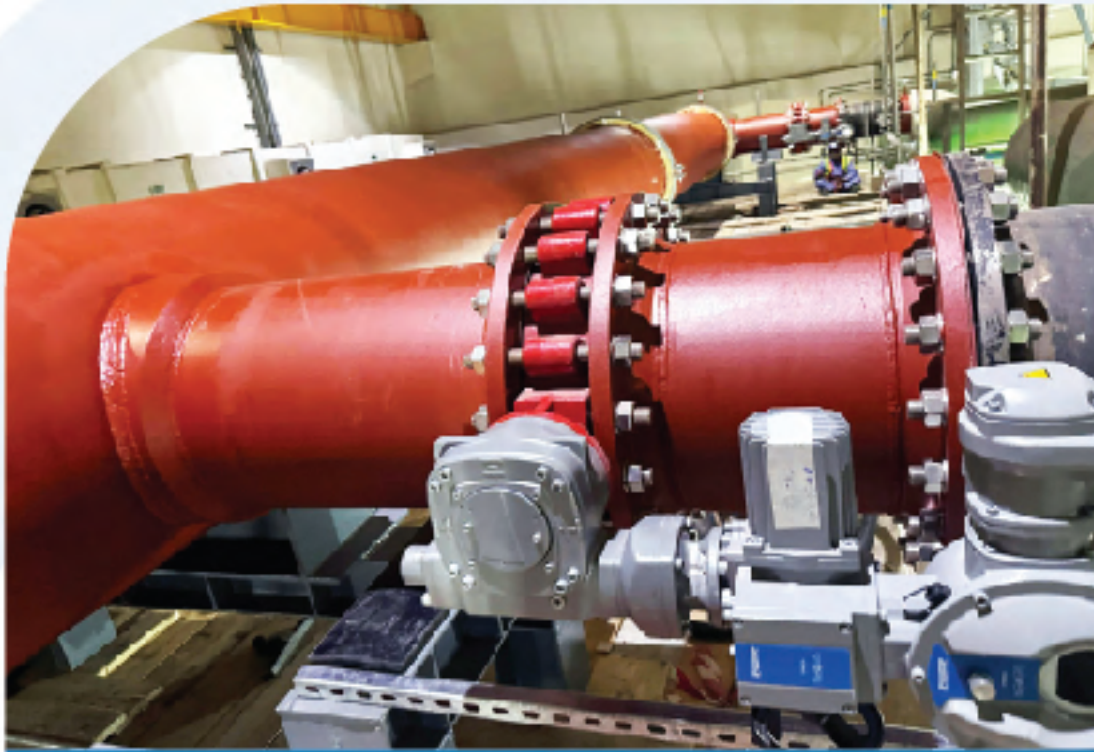


PRODUCT APPLICATION :

- Main and supply pipe leak detection.
- Distribution pipes leak detection.
- Valve leak detection and sound check.
- Illegal connection detection.
- Non-Metallic Pipe locating (if used with a vibration system on the Access Point).

FASTENERS

We offer a wide variety of fasteners in various materials, including screws, bolts, nuts, rivets, and anchors, suitable for diverse applications in materials like GI, SS, and HDG.



Project -Qatar Cool - DCP chilled water piping works



Project -Wakra Family Accomodation - Pump Room Works



Project - Qatar Cool - DCP Chilled Water piping works



Project - Baldna Farm - GRP Lamination works



Project -Lusail commercial boulevard buildings outdoor cooling



**Project - Lusail Plaza Tower
- Design and build works**

**Project - Airport Area -
Hdpe welding works**





Accreditation





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