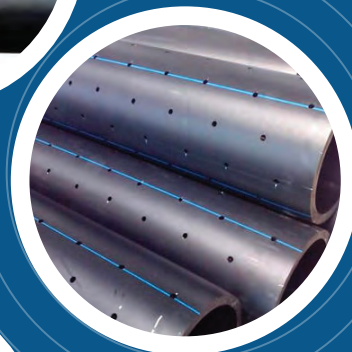
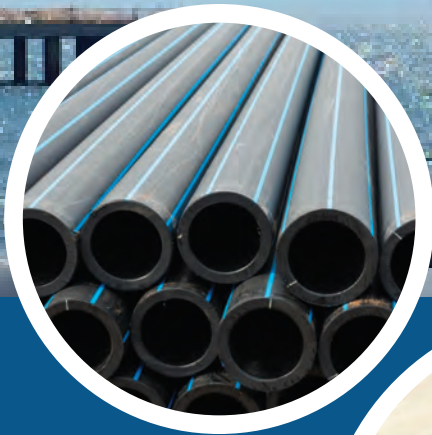


Radius

Star Piping



- ◆ HDPE Pipes
- ◆ HDPE Fittings
- ◆ HDPE Fabrication
- ◆ HDPE Welding Machines
- ◆ Repair, Rental & Contracting

Solution You Trust

COMPANY PROFILE

ABOUT US

Radius Star Piping provide you with high quality and efficient solutions for HDPE Piping Systems. Radius Star Piping is your reliable source for high-density polyethylene pipes and fittings to meet project technical specifications. We provide HDPE pipes, fittings, and custom-fabricated solutions for even the most complex and demanding projects. In addition to our high-quality standard and special segmented fittings, we also provide suitable welding equipment for joining and welding technique. Our extensive product and service range gives you the possibility to obtain almost every-thing from a single source.

We are your reliable supplier with extensive stock for HDPE pipes and fittings. Our well experienced and highly customer-oriented team is always up to date and will be happy to support and serve you our best quality products and services at all the times.

OUR TEAM

We are empowered by a team of skilled, trained, and experienced professionals who strive to develop, design and manufacture different range of products best suitable as per requirement and trend of present industrial era. We have professional and experienced teams across different sections of company like manufacturing, quality testing and marketing etc and our team is kept updated with latest trends of industry by organizing regular sessions and seminars to enhance the skills.

We have a dedicated human resource team and a policy setup which supervises various aspects of our professionals like recruitment, performance analysis, client satisfaction, skills and knowledge of industry. Our team is always glad to serve our satisfied clients across the nation.

CUSTOMER SATISFACTION

When it comes to customer satisfaction; we can say that we are one of the most customer-oriented organizations with thousands of satisfied clients across the region. We strictly adhere to the norms laid down by the authorities and maintain standard quality across different ranges of our products. We believe that 'Customer satisfaction is the key to success in today's era" and we continuously strive to enhance and upgrade experience of our clients. Due to our customer-oriented approach and professional policies, we are a popular and reputed company known for quality products and reasonable prices.

Our philosophy is to offer our customers the most efficient customer experience possible. For this we make sure the right person will be handling the task to guide and support. Radius Star is driven to work very close with his customers and project partners to improve Customer-Relationship Management in the regions of the Middle East.



PRODUCT RANGE

HDPE PIPES

In today's pipe industry, engineers, installers, and environmentalists agree HDPE pipe is a superior choice for developing a truly sustainable and environmentally friendly infrastructure. From its low energy footprint to its ease of use, to its superior joint integrity, to the short- and long-term economic advantages, there is no other material that can match the performance and versatility of high-density polyethylene pipe.

HDPE pipe has proven to be the pipe of choice in many industrial applications because of its non-conductivity, extreme strength, durability, flexibility and resistance to chemicals and corrosion. These qualities of high-density polyethylene offer engineers and contractors a significant design and installation advantages over traditional pipe materials. HDPE pipe and fittings meet the highest industrial and environmental standards today while offering tremendous long-term value to your customers.

HDPE Solid Wall Pipes



HDPE solid wall pipe is available in sizes from 20mm to 630mm with a wide range of wall thickness. HDPE solid wall pipe is non-toxic, offers a high flow capacity, extreme longevity, and ability to withstand high-pressure applications.

HDPE Perforated & Slotted Pipes



HDPE perforated, and slotted pipe is available in several industry standard sizes and used for applications requiring water drainage, leachate systems, cable protection, ducting and landfill gas dissipation. Please contact a product specialist today for availability and perforated specifications.

HDPE Corrugated Pipes



HDPE corrugated pipe's unique ability to support and distribute live and dead load enables it to meet the most demanding applications. HDPE corrugated pipe has a strong track record in some of the most demanding environments and offers superior value and physical strength that is unmatched by metal or concrete pipe systems.

HDPE FITTING

We offer a wide variety of industry-standard high-density polyethylene fittings and components to complete your system application. What truly separates high-density polyethylene pipe from other pipe materials is the ability to create integral systems using a wide variety of standard and custom components, fittings and joining systems that meet the same technical and environmental specifications of HDPE pipe.

Butt Fusion Fitting

The principle behind butt fusion is to heat two surfaces to a designated temperature, and then fuse them together by application of the required force.



Electrofusion Fitting

Electrofusion welding is the name given to resistive implant welding of thermoplastic pipes. It is one of two main techniques used for the joining of polyethylene gas and water pipes.



Compression Fitting

pp compression fitting is composed of pipe fitting body, lock nut, pipe clamp and V-shaped sealing ring. As the pp compression fittings are sealed with V-ring, the roundness of the pipes is strictly required, which is suitable for the installation of straight pipes.



Fabricated Fitting

Large diameter fittings are usually fabricated from sections of pipe or other parts. The larger fittings are fabricated because their size exceeds injection molding equipment capacities. Less common fittings may also be fabricated because their low demand does not constitute the creation of a mold.



HDPE Specialty Fabrication / Customization

It is not uncommon for HDPE projects to require custom fabricated fittings or structures to meet unique design specifications. However, customization also creates a design and installation complexity that requires an experienced team of designers and installers. Our team of product specialists and industry-qualified field technicians can show you ways to use HDPE pipe and fittings to save you time and money.

HDPE Fabrication



RSP has years of experience in the custom design, engineering and fabrication of specialty HDPE products for projects of all sizes and scopes. The ability to build and install custom high-density polyethylene piping fittings and systems are core strengths of RSP. Our certified factory-trained technicians are knowledgeable in fusion techniques and can provide solutions that meet your project's needs.

Specialty Fittings



Many projects and applications are so unique that they require a variety of high-density polyethylene specialty products and fittings. RSP field technicians are experts in fabricating special fittings and can provide a cost-effective solution for your unique application.

Landfill Risers



A typical landfill uses leachate collection systems to protect the water and the environment from landfill contaminants. These systems use a series of high-density polyethylene riser shafts, which must have additional pipe continuously added to the riser as the landfill soil cover increases in height. The characteristics of HDPE pipe and fittings allow these systems to be continuously modified as the landfill progresses.

Outfall Diffuser

Ocean and river outfall pipelines require a series of high-density polyethylene diffusers to dispense and distribute the effluent into the current so biological activity can consume the degradable debris. These complex, large diameter HDPE pipe fabrications must be engineered for constant pressure drop, constant velocity, self-cleaning velocity, and minimum velocity among other parameters. RSP engineers can provide the customized diffuser based on your project's requirements.

Floats and Pontoons

Floats and pontoons have many applications where objects (such as pipelines) must be suspended at or near the waterline. The high buoyancy factor and low material weight make these HDPE pontoons a low cost, practical solution for any pontoon project. RSP engineers can provide the design and fabrication based on your project's requirements.

WELDING MACHINES

Butt welding machines and CNC Butt welding machines are highly efficient and Butt welding machines are manufactured with the latest technology. We can get yield in the most difficult terrain conditions. We offer the best service with professional staff. We can combine PE, PP, PVDF plastic pipes and fittings with by using Butt Welding machine. Clean water, waste water, sea discharge etc. It can be used in all areas where liquid transfer is done. Butt welding machines work with hydraulic system. The electrical type is 380V (three- phase). 220V (single-phase) production can be done in some machine sizes.

Butt Fusion Welding Machines

Butt Welding Machines connect PE, PP; PVDF plastic pipes with diameters from Dia min 40 to Dia max 2000 in proportion to machine sizes and their attachments through butt welding using a heating system and can be used in all areas where liquids are transferred such as clean water, waste water, sea discharge etc. through plastic pipes made of PE, PP; PVDF.

Butt Welding machines operate on a hydraulic system. Power type required to operate the machine is 380V (triphase) however for certain machine sizes 220V (Monophase) can also be supplied based on user preference.



CNC Butt Welding Machines

CNC Butt Welding Machines combine PE, PP, PVDF material plastic pipes and fittings up to Dia min 40, Dia max 2500 diameter by butt welding method using a heating system and are used with plastic pipes made of PE, PP, PVDF; clean water, waste water, sea discharge etc. It can be used in all areas where liquid transfer takes place.

CNC Butt Welding Machines work with a hydraulic system. The electrical type required for the operation of the machine is 380V (three-phase) and in some machine sizes, 220V (single-phase) can be produced depending on the user's request.



Electro Fusion Welding Machine

Electrofusion welding machines are computer-controlled machines used for the welding of HDPE-PP-PVDF pipes and electrofusion fittings up to 32-10 Bar in diameters of 1200-40 mm. These machines provide powerful, easy and rapid welding with the shortest operational setup in accordance with ISO 1-12176 International standards. It is lightweight and very easy to use. Electrofusion welding machine has a maximum operating resistance of 120 Amps. It is suitable for operation at -15 C° ~ 60 C° ambient temperature.



Hand Extruder

The Extruder as a geomembrane welding machine is the best device for the welding and restoration of pipes, tanks, joints, agricultural ponds, geomembrane films, for PE and PP (polyethylene and polypropylene).



Data Logger

Data Logger has many benefits. Pipe diameter, thickness, SDR, Contract No, coordinate, Welder name, machine no, air condition, material, Some actions are made by entering the data requested the data of the standard such as protection status and report parameters are taken.



SERVICES

Radius Star Piping provide turnkey, end-end-piping solutions. We have specialized equipment for HDPE pipeline installation, our welding team has vast knowledge and experience for the installation and welding of thermoplastic piping systems made of HDPE, PP and PVDF up to diameter OD 1,200mm. Our welding personnel regularly attends the training and certification programs of SKZ German Plastics Centre.

Contracting

Pipe systems are generally under a tremendous amount of pressure and stress. And mistakes can be devastating to everyone involved with a project. Proper installation and quality welding are critical to the project's long-term performance and return on investment.

Radius Star Piping has the knowledge and experience to help you through all aspects related pipeline installation. Our industry-qualified technicians will also help you organize and plan the jobsite setup, providing layout and planning of the system installation procedures. And when the project is completed, we can provide hydrostatic testing of the entire system to assure all connections are sound and the system is functioning as planned.



Radius Star Piping has the knowledge, experience, and equipment to provide superior field services for projects of all sizes and scopes. Let us get in the trenches with you to make your project a success.

Equipment Rental

We provide all kinds of HDPE welding machines for rentals . We also industry qualified field technicians as per client request



CONTACT US

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