

UNIVERSAL TECHNO PIPING CORP.

“Your Solution for a Complete Piping System”



Authorized Distributor of
+GF+ GEORG FISCHER PIPING SYSTEM
GRUNDFOS ALLDOS

Specializes in:

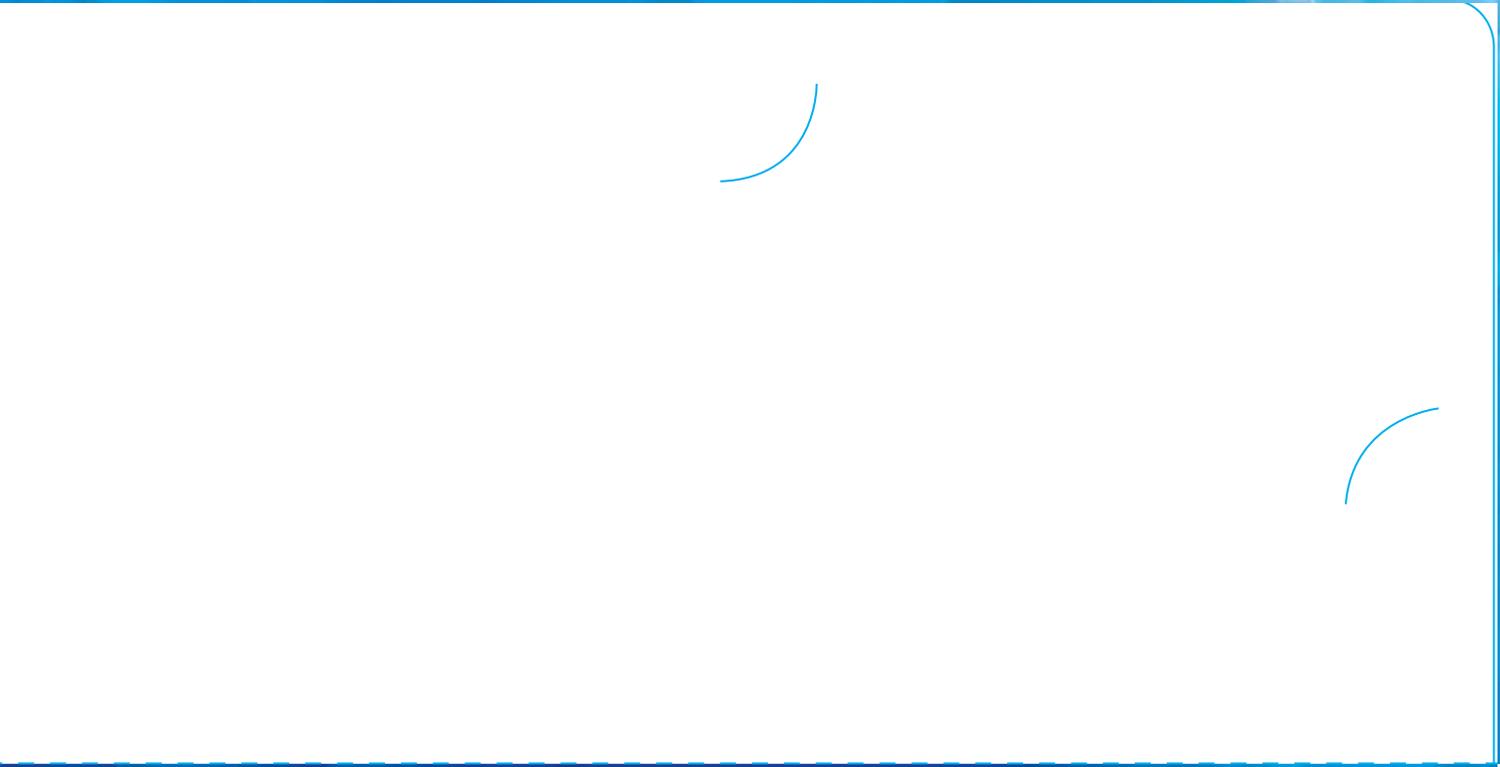
- **INSTRUMENTATION AND FLOW CONTROLS**
- **THERMOPLASTIC PIPES, VALVES AND FITTINGS**
- **CHEMICAL DOSING PUMPS**

Materials : PVC, CPVC, ABS, PE, PP
PVDF, TEFLON

Standards : ASTM, JIS, ISO/ METRIC/ DIN

Application : Microelectronics, Energy, Mining,
Food & Beverage, Building &
Waterworks

www.utpc.com.ph





About Us

Universal Techno Piping Corporation (UTPC) was founded in 2005 to specialize in the distribution and installation of the most technologically advanced thermoplastic piping materials.

It was incorporated to provide the most effective technology in the piping industry. It offers solutions to designers faced with the task of selecting the optimum piping system for a specific application. We don't only offer products, we provide solution!

Universal Techno Piping Corporation (UTPC) is the authorized distributor of world's leading brand supported by its principal abroad based in Switzerland, USA, Singapore, Japan, Taiwan and China.

It basically provides the right priced products and serves the customer's needs, requirements and expectations, aims to outsmart competition and succeeds in the thermoplastic distribution, as its operation is patterned from leading thermoplastic distribution corporation worldwide.

We make sure that your satisfaction is our business and main concern. **Thus, UNIVERSAL TECHNO PIPING CORPORATION as your Thermoplastic Technology business partner is the absolute best choice.**

UTPC is in partner with the world's leading pipe manufacturer **Georg Fisher Piping Systems** which offers complete **Thermoplastic Pipes Valves and Fittings** with different materials like **PVC, CPVC, ABS, HDPE, PPH** and **PVDF** in different standards like **ASTM, DIN/ISO** and **JIS**. We also offer **Instrumentation** and **Flow controls: Flow, pH/ORP, Conductivity, Pressure, Temperature, Level, Chlorine Analyzer and Turbidity Meter**.

We also have the top of the line **Chemical Dosing Pumps** from the best pump maker **Grundfos Alldos**. Not only do we supply but also we have a complete team of servicing that could cater our client needs.

We are not only limited in supplying but also providing the proper installation of our products to achieve 50 years of leak free piping system. Our team also provides a service of system integration to achieve optimal solution to your systems.

Universal Techno Piping Corporation (UTPC) is working towards becoming a major player and market leader in the supply and installation of plastic piping systems and its components. Since we have been awarded with major contracts in the following market segments **MINING, POWER PLANT, SEMICONDUCTOR, WATER TREATMENT, WATER DISTRIBUTION, FOOD & BEVERAGE, PETRO-CHEMICAL** and **BUILDING** industries plus having business partnership with the world's leading manufacturers. For sure that doing business with us is your absolute best choice!



Pipes



Fittings



Jointing Technology



Valves



Automation



Measurement & Control



When I look at our company, I see a well-established organization made up of what I believe to be the best group of professionals in the business.

We at Universal Techno Piping Corporation continually strive to attract outstanding new talent to the firm. To make sure all employees know that they truly are the company's most valuable assets, every member of the Universal Techno Piping Corp. team is treated with respect, courtesy and fairness. Tent to rest on past accomplishments, constantly challenge them and their colleagues to find innovative ways to create value, increase efficiency and provide the highest level of service to our clients and partners.

Universal Techno Piping Corporation is committed to the highest standard and our guiding principles that help us achieve it. With the best practices of our organization and the best efforts of all our employees, we continually strive to be the no.1 Thermoplastics supplier and Contractor in the Philippines.

Truly Yours,


Bernadette D. Galve
President

ORGANIZATIONAL CHART



Vision

UTPC's vision is to be the country's leading supplier of thermoplastic products and related services. We aim to earn our customers' confidence and enthusiasm through continuous enhancement of our value-added services driven by the integrity, teamwork and innovative skills of UTPC personnel.

Mission

To be the customer's first choice for Plastic Piping Systems and Waste Water technology, delivering products of outstanding quality and great service at a competitive cost.

To continually engage in providing the most technologically advanced products and new innovations available worldwide.

To foster partnerships that will enhance our local economy using environmental improvements that creates cleaner and safer neighborhood.

To work in good faith to gain customer's trust & confidence to every UTPC personnel so that customers will choose us for the quality products we can supply and good services we can provide them.



Louisa P. Buanrachillo
SECRETARY



Arina M. Galve
VP SALES & MARKETING



Paul D. Avestros
Managing Partner



Melanie N. Vargas
Sales Area Manager



Aileen I. Rabito
Industrial Piping Expert



Ailyn Galve E. Gallo
Industrial Piping Expert



Kimvera P. Maharsag
Industrial Piping Expert



Harold S. Mojica
Industrial Piping Expert



Kristela Mar E. Liviana
Industrial Piping Expert



Marilyn M. Casag
Industrial Piping Expert



Gie S. Fernandez
Industrial Piping Expert



Rowena A. Guler
In-House Sales Coordinator



Jolynne E. Regino
In-House Sales Coordinator

UNIVERSAL TECHNO PIPING CORP.

Complete Product Range

“Your Solution For A Complete Piping System”

In partners with:



Pipes



Fittings



Jointing Technology



Valves



Automation



Measurement & Control

THERMOPLASTIC PIPES, FITTING AND VALVES

- Material: UPVC, CPVC, ABS, PP-H, PP-R, PVDF, HDPE, PVC LXT
- Standards: ASTM/ANSI, BS, ISO, DIN, JIS
- Double Containment
- FRP

SPECIALIZES

- ECOLOGIX WASTE WATER TECHNOLOGY
- MEMBRANE BIOREACTOR / COMPACT MBR PLANT
- DISC DIFFUSER, TUBULAR DIFFUSER

Services

Universal Techno Piping Corporation (UTPC) provides the highest level of customer service and product knowledge in different industries like Water Utilities, Water Districts, Water Treatment Plants, Sewage Treatment Plants, Mining, Power Plants, Semiconductors, Food and Beverage and High Rise Buildings.

We offer the following services:

Mechanical

HVAC Design and Installation

- Chilled water piping
- Ducting works

Process Piping

- Waste Water
- Reverse Osmosis / Deionized Water
- Chemical Distribution
- Gas Distribution

Plumbing Works

Fire Protection System



Services offered for Electronics and Petro- Chemical Industries

- Supply of instrumentation Equipment
- Instrumentation and Controls Technical Consulting
- Instrumentation and Controls Design and Engineering
- System Integration
- Installation and Commissioning
- Trouble Shooting and Repair
- Preventive Maintenance



Universal Techno Piping Corporation (UTPC) is accredited by the PHILIPPINES CONTRACTORS ACCREDITATION BOARD (PCAB)

PVC-U System

Comprehensive simplicity.

Most comprehensive system with very good chemical resistance characteristics. Typical for the system are the fast and safe connections by solvent cementing with low investment for tools and equipment.



Main benefits:

- Low costs for installation equipment.
- Excellent value for money.
- Comprehensive product range.
- CAD library and calculation tools.

Main applications:

Water Treatment, Chemical Process Industry, Shipbuilding, Power Plants

Product range:

6 mm to 400 mm (ISO/DIN/JIS)
1/4" to 16" (BS/ASTM)

Pressure rating:

Up to 16 bar

Temperature range:

0 °C to +60 °C

Joining technology:

Solvent cementing

Material:

PVC-U

PVC-C System

High performance PVC.

System with good chemical characteristics and high temperature resistance. Typical for the system are the fast and safe connections by solvent cementing with low investment for tools and equipment.



Main benefits:

- Low costs for installation equipment.
- Long support distances.
- Very good chemical resistance.
- CAD library and calculation tools.

Main applications:

Chemical Process Industry, Plumbing

Product range:

16 mm to 225 mm (ISO/DIN/JIS)
3/8" to 12" (BS/ASTM)

Pressure rating:

Up to 16 bar

Temperature range:

0 °C to +80 °C

Joining technology:

Solvent cementing

Material:

PVC-C



COOL-FIT & ABS System

Energy saver.

Energy saving system for cooling applications with optional preinsulation. Excellent impact strengths for lowest temperatures. The system utilizes fast and safe solvent cementing connections with limited investment for tools and equipment.



Main benefits:

- Low costs for installation equipment.
- Excellent value for money.
- Comprehensive product range.
- CAD library and calculation tools.

Main applications:

Water Treatment, Chemical Process Industry, Shipbuilding, Power Plants

Product range:

6 mm to 400 mm (ISO/DIN/JIS)
1/4" to 16" (BS/ASTM)

Pressure rating:

Up to 16 bar

Temperature range:

0 °C to +60 °C

Jointing technology:

Solvent cementing

Material:

PVC-U

PE100 System

Economic option.

Heavy duty piping system with excellent impact strength in all climatic conditions. Good chemical and abrasion resistance up to ambient process temperatures. Highly cost-efficient system assembled from a very comprehensive product range.



Main benefits:

- Wide choice of jointing technologies.
- Comprehensive product range.
- Long lasting self relaxing material.
- CAD library and calculation tools.

Main applications:

Water Treatment, Chemical Process Industry, Shipbuilding, Power Plants, Mining

Product range:

20 mm to 1 200 mm (ISO/DIN)
1/2" to 12" ASTM (Central Plastics)

Pressure rating:

Up to 16 bar

Temperature range:

-50 °C to +60 °C

Jointing technology:

Electrofusion, Socket fusion, Butt fusion, IR Plus fusion

Material:

PE



PROGEF® System

Economic purity.

Heavy duty piping system with good impact strength in non freezing indoor conditions. Very good chemical and abrasion resistance up to high process temperatures. Very cost-efficient system assembled from a comprehensive product range.



Main benefits:

- Advanced jointing technologies.
- Comprehensive product range.
- High duty material.
- CAD library and calculation tools.

Main applications:

Water Treatment, Chemical Process Industry, Microelectronics, Life Science

Product range:

16 mm to 500 mm PROGEF® Standard
20 mm to 63 mm PROGEF® Natural

Pressure rating:

Up to 10 bar

Temperature range:

-10 °C to +95 °C

Jointing technology:

IR Plus fusion, Socket fusion, Butt fusion, BCF fusion (PROGEF® Natural only)

Material:

PP

SYGEF® System

High performing purity.

Heavy duty piping system with good impact strength in all climatic conditions. Excellent chemical and abrasion resistance up to highest process temperatures. High performance system assembled from a wide product range.



Main benefits:

- No impact on media, absolute inert.
- Advanced jointing technologies.
- High performance material.
- CAD library and calculation tools.

Main applications:

Chemical Process Industry,
Microelectronics, Life Science

Product range:

16 mm to 315 mm

Pressure rating:

Up to 16 bar

Temperature range:

-20 °C to +140 °C

Jointing technology:

IR Plus fusion, Socket fusion,
BCF fusion

Material:

PVDF



CONTAIN-IT Plus System

Protective safety.

Double containment system with highest safety due to two fully sealed containment zones. The Medium Pipe can be made from different plastics, the jacket pipe is always from PE100. Various leakage control systems are available.



Main benefits:

- Complete comprehensive system.
- Unique system with 2 full containments.
- Wide choice of jointing technologies.
- CAD library and calculation tools.

Main applications:

Water Treatment, Chemical Process Industry, Microelectronics, Life Science

Product range:

20/50 mm to 225/315 mm
(Medium/Protection)

Temperature range:

-40 °C to +140 °C
(depending on Medium Pipe)

Jointing technology:

Solvent cementing, Socket fusion, IR fusion, Electrofusion, Butt fusion

Material:

PE100 for Jacket Pipe / PE100, PP, PVC-U, PVC-C, PVDF for Medium Pipe

Actuators and Accessories

Money saving modularity.

Long duty actuators and accessories for different valves in all climatic areas. Full modular concepts for retrofit upgrades/modifications. Selection possibility from various models provides always the most cost-efficient solution.



Main benefits:

- Extreme long life time.
- Upgrade through modularity.
- Wide range of accessories.
- High corrosion resistance of housings.

Main applications:

Ball, Butterfly and Diaphragm valves

Product range:

Electric and pneumatic actuators
Open/Close and full control

Joining technology:

Standard interfaces (ISO/DIN/EN)

Material:

PP fibreglass reinforced housing
stainless steel screws



Measurement and Control

Smart simplicity.

Sensors and transmitters for industrial use in all climatic areas. Cost-efficient accuracy, simple operation and the comprehensive range of GF Signet products make it ready to use in all industrial segments.



Main benefits:

- Simple operating systematic.
- Sensors for all major parameters.
- High corrosion resistance of housings.
- Global availability of spare parts.

Main applications:

Water Distribution, Water Treatment, Chemical Process Industry, Irrigation

Product range:

DN10 to DN2 000 as Flow-, Conductivity-, pH/ORP-, Temperature-, Pressure-, Turbidimeter and Chlorine

Jointing technology:

Special installation fittings, Strap on saddles, ISO/NPT pipe threads

Material:

PP fibreglass reinforced, PVDF, 316L stainless steel

iJOINT fittings

Our line of compression fitting allows fast, easy and secure installation of water systems even in limited space and demanding climatic conditions. Conformity to all important standards and worldwide approvals prove its outstanding quality. The iJOINT is available in a wide range of diameters from d20 to d110 mm and suitable for use with all types of polyethylene pipes PE 80, PE 100, PEX and PVC-U with special transition kit.



Main benefits:

- Fast, secure and easy installation.
- Special lubricated NBR lip gasket allows outstanding hydraulic performance.
- High flow-capacity.
- High pressure and pull-out resistance, Long product lifetime.

Main applications:

Water Distribution Lines, House Connections, Service Lines, High-end Irrigation

Product range:

Dimension range d20 to d110 mm

Pressure rating:

Up to 16 bar

Temperature range:

-10°C to +45°C

Material:

HDPE



MULTI/JOINT® 3007 Plus Wide Range

For reliable restraint connections on all types of pipe materials. The MULTI/JOINT 3000 Plus wide range system meets the demands and is suitable for applications in water and gas for pipe sizes from DN50 up to and including DN400.



Main benefits:

- Suitable for all kinds of pipe material.
- Suitable for water and gas.
- Angular deflection of max. 8° per socket at installation (based on the middle of the range).

Main applications:

Water and Gas

Product range:

Dimension range d50 to d600 mm

Pressure rating:

Up to 16 bar

Temperature range:

NBR or EPDM gasket, NBR acc. to EN 682 (-5°C up to +50°C), EPDM acc. to EN 681-1 (0°C up to +50°C)

Material:

Ductile cast iron GGG45 body and clamping ring(s), acc. to EN-GJS-450-10

RESICOAT® epoxy powder coating, according to GSK standards and EN 14901

AQUASYSTEM

Economic option.

AQUASYSTEM is a full plastic system which complies with the requirement of building technology. The wide product range give you the right solution for each application.



Main benefits:

- Noise reduction.
- Corrosion free.
- Easy jointing technology.
- Less maintenance cost.

Main applications:

Hot and cold water

Product range:

20 mm to 125 mm for fittings and pipes

Pressure rating:

Up to 20 bar

Temperature range:

0 °C to +70 °C

Jointing technology:

Socket fusion

Material:

PP-R



FIBREGLASS (FRP/GRP) PIPE SYSTEMS

PROCESS / WASTE PIPE

Primarily because of its resistance to corrosive attack from virtually every kind of chemical or Compound, FRP piping and components received early acceptance from the Chemical Process Industry.

FRP/GRP pipe has exceptional strength to weight ratio, because pound for pound fibreglass is stronger than steel, as a result the pipes have a high tensile strength as well as good shock and impact resistance. They also have excellent flow characteristics as a smooth glass-like finish reduces material Build-up and improves fluid transmission

Nominal Pressure Classes

Pipes and fittings are classified according to nominal pressure. Standard pressure classes are: 4, 6, 10, 16, 20 bars. Intermediate or higher-pressure classes can be provided depending on the design parameters and conditions.

Pipe Stiffness Classes

Pipes are also classified according to specific pipe stiffness. Standard stiffness classes are: 1250, 2500, 5000 and 10000 Pa. Intermediate or higher stiffness classes are available on request or depending on the design conditions.



Prestressed Concrete Cylinder Pipe(PCCP)



FRP Prestressed
Concrete Cylinder
Pipe(FPCCP)

FRP Tank





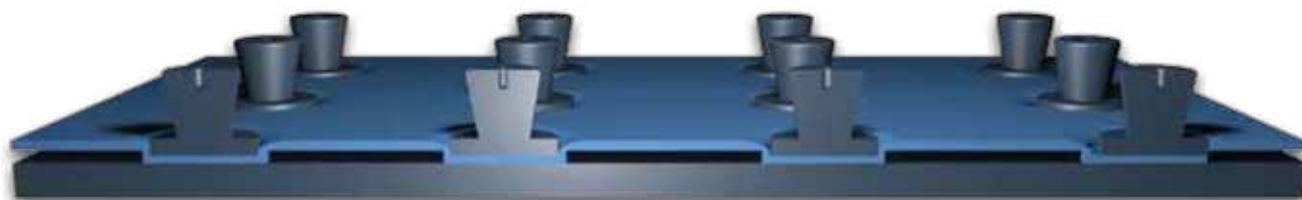
BEKAPLAST™ system

The ideal combination of stability, safety and resistance

The exceptional feature of the BEKAPLAST™ System is the anchor technique at the back of the sheet, with special studs increasing in size in a conical shape. They create an inseparable mechanical bond between the plastic lining and the concrete, and additionally prevent differential expansion.

BEKAPLAST™ can be repaired repeatedly, ensures high impact durability, and is resistant even to biogenic corrosion, high and low temperatures and thermal shock.

BEKAPLAST™ has been successful on the market for over 30 years. From problem solutions in the chemical industry and municipal sewage systems, to installation and repair of tank and shaft linings, through to tank construction – potential BEKAPLAST™ applications are as diverse as today's demands on modern, future oriented lining technology.



Tried and trusted lining technology for concrete structures

BEKAPLAST™ HDPE

This polyethylene material is resistant to a wide range of acid and alkaline solutions. BEKAPLAST™ HDPE can be supplied as an electrically conductible material and is environmentally safe.

BEKAPLAST™ PP

This material is a highly heat-stabilised polypropylene in accordance with DIN 16971. One of the remarkable features of this material is its resistance to aqueous saline solutions, alkalis and acids. BEKAPLAST™ PP is temperature-resistant up to a permanent temperature of nearly 90° C.

BEKAPLAST™ PVDF

The highly resistant, permeation barrier polyvinylidene fluoride is used particularly in cases involving chlorinated hydrocarbon chemical stress.

BEKAPLAST™ PVC

The high impact durable material also offers extreme chemical resistance and a high level of stiffness.

Innovative yet still technically perfected for new construction or renovation

System orientation combined with utmost versatility – the basis for BEKAPLAST™ success. Our references demonstrate the diversity of applications – every project implemented is further proof of the quality of this innovative system solution.



BEKAPLAST™ for storage tanks

Tanks in the chemical industry and municipal sewage installations must meet various requirements, not always precisely defined in advance. Outdoor plants are also subject to weather conditions, such as sun and frost.



BEKAPLAST™ for Basins and Collection Tanks approved by the German Institute for Building Technology



BEKAPLAST™ DWS for water tanks

In general, leachate water is classified as a water-polluting liquid. In accordance with the Water Resources Law, appropriate sealing systems must be used in the construction of underground concrete tanks.



BEKAPLAST™ for shaft construction

Shaft constructions, System-specific steps in compliance with DIN requirements complement the lining technology.



BEKAPLAST™ for electrolysis cells

Electrolytic cells for the recovery of zinc, copper or cobalt are exposed to specific chemical, thermal and electrical conditions.

Welding Machines

Benchmarking technology.

Welding machines using patented technologies for workshop and on site use. Global service system ensures a long and profitable use of the equipment. Offering all welding methods provides the best choice for clients and their applications.



Main benefits:

- Most advanced welding technology.
- Efficiency through patented technologies.
- Data recording for quality documents.
- Wide range of accessories.

Main applications:

Gas and Water Distribution, Water Treatment, Chemical Process Industry, Microelectronics, Shipbuilding, Mining

Product range:

20 mm to 1 200 mm
workshop and on site machines

Jointing technology:

Infrared fusion - IR Plus technology,
Bead and crevice free fusion - BCF
technology, Butt and Socket fusion,
Electrofusion

Material:

PE, PP, PVDF, PB

Socket Fusion

In this form of fusion jointing, which requires heating tools, the pipe end is inserted into the socket of the fitting; no additional material is used. The pipe end and fitting socket are heated to fusion temperature using a heating bush and a heating spigot, respectively, and are then pushed together.

GF Piping Systems offers a wide range of hand and mechanical guided fusion machines – also for the field-use. The pipe end, fitting socket and heating tools correspond in such a way that the necessary jointing pressure is attained during jointing, resulting in a homogeneous joint.

Fields of Application:

- gas and water distribution
- industrial applications
- building technology

Advantages:

- safe and easy jointing
- short fusion time



Electro Fusion

In the electro fusion process a heating wire permanently mated into the fitting gets heated by current at a low voltage. The surrounding material around the wire gets melted and expands due to the warming. The melt starts closing the gap between pipe and fitting, leading to a heat transition to the pipe which also gets heated and melts in the welding zone. The pipe material also expands.

The increasing material expansion between pipe and fitting, which is hindered by the cold zones outside the welding zone, leads to a build up a welding pressure between pipe and fitting and a homogeneous welding connection emerges.

Fields of Application:

- gas and water applications
- industrial applications
- harsh work site use

Advantages:

- easy to use
- no additional welding material necessary
- wide dimension range d20 – d630
- welding parameter already stored on the welding data storage medium



Bead and Crevice Free Fusion Jointing (BCF)

The fusion jointing process consists in transmitting precisely defined thermal energy to the pipe and fitting ends being joined by means of half-shell heating elements. At the same time an elastic, pressurized bladder supports the inside surface of the fusion zone in order to prevent the formation of an internal fusion bead.

Fully automatic process control of the fusion jointing process with a fusion jointing machine developed in-house by GF Piping Systems permits very simple handling and reproducible fusion quality.

Fields of Application:

- industrial applications: Life science, Medical, Food industry etc.

Advantages:

- no dead spaces
- highest fusion factor (almost 1)
- nearly no stress in the fusion zone
- entirely reproducible fusion
- FDA, cGMP, ASME, BPE conform



Infrared-Welding (IR)

In infrared (IR) fusion jointing the fusion areas of the components (pipes, fittings, valves) are heated to fusion temperature without contact to the heating element and jointed by means of mechanical pressure without using additional materials.

GF Piping Systems offers a wide range of fusion machines – also for the mobile use and the workshop use.

Fields of Application:

- industrial applications
- as well for high purity media and the use in clean rooms

Advantages:

- up to 50% faster than conventional butt fusion
- low risk of contamination (non contact to the heating element)
- minimal, defined bead
- entirely reproducible fusion
- low-stress fusion
- fusion factor over 0.95



Butt Fusion

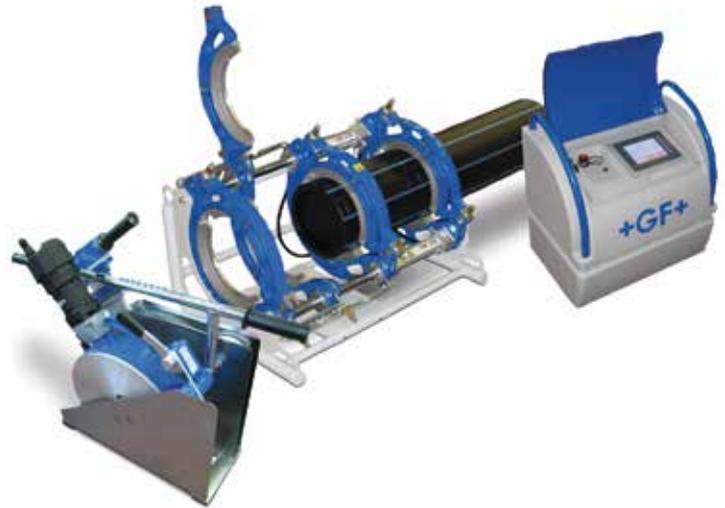
Butt fusion technology is the safe, reliable and favorable jointing for a wide dimension range. GF Piping Systems offers mechanical, hydraulic and CNC-guided fusion machines for on site constructions and the workshop. The fusion areas of the pipes and fittings are heated to fusion temperature and joined by means of mechanical pressure, without using additional materials. A homogeneous joint results.

Fields of Application:

- universal use
- water & gas distribution
- industrial construction site
- workshop
- building technology

Advantages:

- short-time jointing preparation
- high jointing strength
- economical
- perfect suitable for big dimensions
- precise joining



HEAT FUSION

Hot Air Welding

Built-in device for fast and safe ignition
Operational safety thanks to electronic protection of the heating element
Blower and heating element can be controlled separately
Fulfills Flicker Standards and RoHS Directives



Wedge Welding

Hot-wedge welding machine for convenient, quiet and smokeless welding of industrial fabrics.

- Low noise
- High welding speed
- Portable and light
- Easy, comfortable operation
- Digital display of welding speed and temperature
- Wrinkle-free welding
- Fast and simple assembly of the unwind construction for welding acrylic tapes
- Integrated lifting mechanism



JOINTING TECHNOLOGY

CHEMICAL FUSION

- Cementing is a simple and fast bonding method requiring no investment in expensive equipment.
- The materials PVC-U, PVC-C, ABS and Cool-Fit ABS are suitable for the cementing process.
- The dimensions of the pipes, fittings and mountings from GF Piping Systems generally satisfy the various national standards.

Fields of Application:

- water treatment
- chemical process industry
- cooling equipment

Advantages:

- very low costs
- suitable for all dimensions and for almost every medium.
- no external energy source required.



APPLICATIONS:

Processing/Heap Leaching

High-grade stainless steel transfer pumps, dosing and chemical dosing pumps, and heap leaching, submersible and end-suction pumps.

Disinfection

Complete dosing pumps systems for disinfection, from chemical dosing to UV and ozone treatment, to substantially reduce the number of microorganisms and increase water quality.

Chemical Treatment - wastewater

Grundfos dosing pumps and stations ensure highly effective chemical treatment at the wastewater treatment plant and our disinfection solutions also include ozone or UV radiation treatment.

Chemical Treatment - water supply

Complete dosing pumps systems for chemical and non-chemical treatment to substantially reduce the number of microorganisms and increase water quality.

Distribution

Grundfos pumps are specifically designed for durable use and variable flows in a water distribution network, ensuring reliable management of pressure zones throughout the pipes network.

Water treatment

Grundfos covers all water treatment needs and our pumps benefit any process.

Bottle washing

Grundfos pumps are highly suitable for bottle washing applications.



ROOTS BLOWER

MINIMAL VIBRATION AND LOWEST NOISE

TMD Series: Magnetic drive Pump



- Comprise mainly GFR-PP and PVDF. Therefore, almost all chemical can be safely transmitted.
- The no shaft seal pump can be completely sealed so there's no risk of damage to the pump which may result in leaks.

TV Series: Vertical Roots Blower



- Uses direct drive, reducing wear and tear on the belt, reducing the amount of maintenance needed, and reducing the risk of oil leaks.

TSW Series: Submersible Roots Blower



- There wouldn't be much noise when the blower is running.

THL Series: Two Section Roots Blower

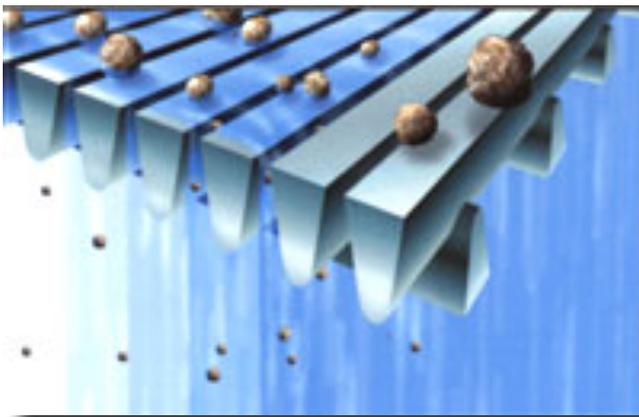


- The compartment and the side cover has a flange and groove gasket, which can not only strengthen the blower's operational functions but also prevent eccentric phenomenon resulting from the fastening of the stud, which may shorten the life of blower.

Rotary Screen EcoSep Internally-Fed



Rotary Screen EcoSieve External-Fed



Triangular "V-shaped" screen



Fine bubble disc diffusers

Ecoflex™ Disc diffusers



EPDM
membrane



Silicone
membrane

Fine bubble tube diffusers

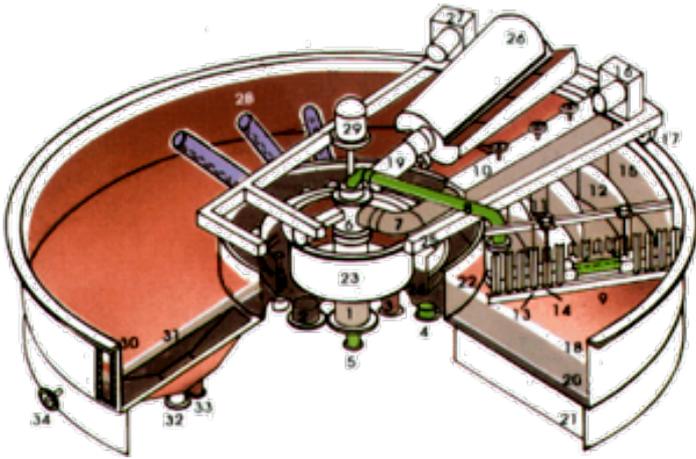
Hyotube™ tubular diffusers
EPDM, Silicone & Polyurethane



Diffuser Installation



EcoCell™ - DAF



GD-DAF™

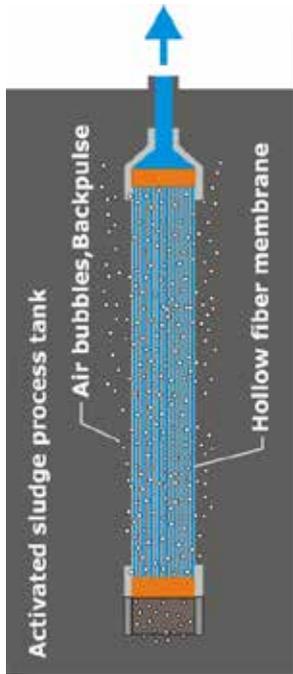
High solids application



Eco-Flocculator

EcoFIL

Hollow Fiber Module



EcoPlat & EcoSepro

Flat-Flat-Sheet module



PACKAGED COMPACT TYPE MBR WATER TREATMENT PLANT

-Especially designed for food chains (like Jollibee, McDonalds, KFC, Chowking, etc) and small to medium-scale commercial establishments in which the area for wastewater treatment is very minimal.

This packaged type MBR Treatment Plant met all critical design elements:

- Small Footprint
- Minimal Installation Cost
- Minimum Operator Attention
- REUSABLE effluent water for flushing, washing and other domestic applications
- Retrofittable/Modular (Easy Construction and Flexible arrangement)
- Less Power Consumption



THERMOPLASTIC SHEETS (PVC, CPVC, ABS, PE, PP) WELDING RODS & SOLID RODS (PVC, CPVC, PVDF, ABS, PE, PP)



APPLICATIONS:

- Chemical tank and equipment engineering
- Clean room
- Structural Engineering
- Medical Engineering
- Trade fair and display design

INDUSTRIAL APPLICATION SEALS



Prevent leakage of lubricants, water, chemical, and preventing the entry of dust and dirt into the machines.

APPLICATIONS:

- Automotive
- Manufacturing
- Oil refineries
- Power transmission

HDPE GEOMEMBRANE / HDPE SHEET

PE Geo-membrane is manufactured from High Density Polyethylene resins. The surfaces of both sides are smooth & textured depending on the application. The products are manufactured by the technology of co extrusion-blown triple layer.

Advantages:

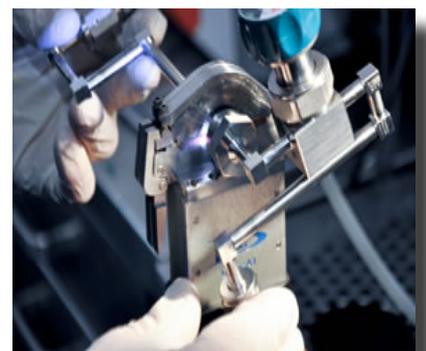
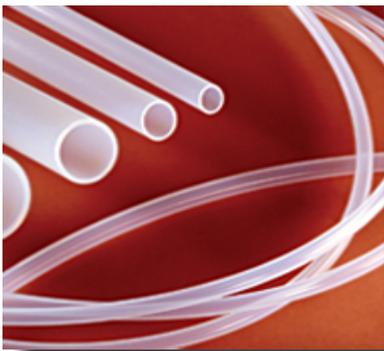
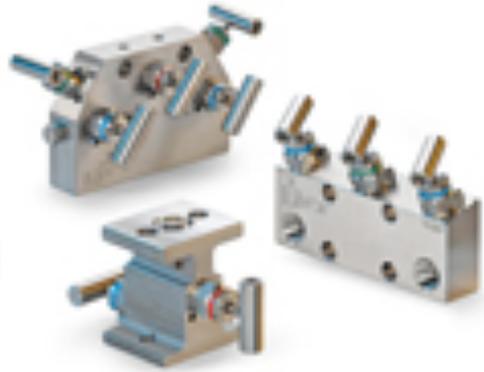
- Excellent physical and mechanical performance,
- high tearing resistance,
- good deformation adaptability,
- high puncture resistance,
- high aging resistance,
- high UV resistance,
- anti-acid & alkali,
- excellent low & high temperature resistance,
- innocuous,
- long life span,
- perfect water proof performance,
- seepage and humidity resistance.

Applications:

Landfill site, bank, dam, storage reservoir, channel, irrigation, highway, railway, tunnel, drinking tank, salt field bittern pan, chemical liquid storage, treatment tank, artificial lake and river way



HIGH PURITY PLASTIC TUBINGS, FLARE FITTINGS, VALVES, PUMPS, MANIFOLDS (PFA, PVDF, PE, Polyurethane) & ORBITAL WELD FITTINGS



VALVES



Type: Check Valves; Gate Valves; Globe Valves; flanged Ball Valves; Butterfly Valves.

Material: Carbon steel, Stainless steel, Alloy steel, Iron, Bronze and Brass, etc

Size: 1/2" to 48"

Standards: ANSI, API, ASTM, ASME, BS, DIN, JIS, ISO



STAINLESS STEEL

Seamless / ERW Pipes, Pipe-Fittings, Sheets, Perforated, Sheets, Plates, Circles & Ring, Rods, Wire, Wire-Mesh, Flats, Angles, Channels, SMP Rodes Eelectro ets. of Grades TP-304,304L,316,316L,321, 309 309S, 310, 409, 410, 410S, 420, 430, 904, 904L etc

ALLOY STEEL

Seamless / ERW Pipes, Sheets, Plates, etc. of Grades EN-8, EN-9, EN24, EN-36, EN-353, HCHCR - WPS, D2-D3, OHNS, High Speed, Steed, Steel Hot Die Steel, 16MNCr-5, 20MNCr-5, SAE-8620 of ASTM A-335 GR, P1,P9,P11,P12,022,etc.ASTM A-387 GR.,515/516GR.,60,70 & IS 2062

S.S. & M.S. Fittings ,B/W & Socket Weld

Seamless / ERW Stainless Steel Grade 202, 304, 304L, 309, 310 310S, 316 , 316L, 321, 409 410 430 904 904L Elbow, Tee, Reducer, Long, Short, Stub end, Flanges, Nipples, Unions, Caps, Hex, Nipple, House Nipple, Coupling, Nut Bolts, Pipe Clamps, Dairy Fittings, Tricover, Clamp & Vales and Industrial raw material etc.

NON-FERROUS METAL

Copper, Brass, Aluminum, Phosper-Bronze, Monel. Nickel, Inconnel, Lead, Zinc, Hastalloy B & C, Titanium, Gupro-Nickel, Gun-Metal,etc,in the form of Rounds, Plates, Sheets,Wires, Circles, flats & Tubes.



FLANGE FITTINGS



ROUND BAR



SHEETS PLATES & COILS



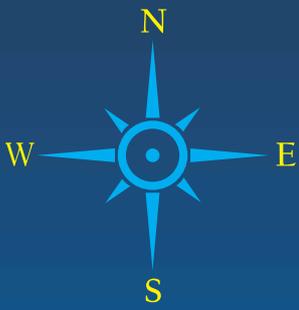
PIPES & TUBES



PIPE FITTINGS



FORGE FITTINGS



UNIVERSAL TECHNO PIPING CORPORATION

MAIN BRANCH

Blk 55 Lot 36 Capitoline Hills corner Abel Nosce St.
BF Resort Village, Las Piñas City, Philippines
Tel. No.: (02) 872-4484 • (02) 872-7634 • (02) 501-6306
Telefax: (02) 871-0405 • (02) 873-7745
Mobile: 0917 584-6595 / 0922 800-4895