



CHEMTECH

— POLYPLAST PVT. LTD. —




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MFG. HDPE/PP/FRP/PPFRP TANKS , REACTORS , SCRUBBING SYSTEM & PPRC/HDPE PIPE & PIPE FITTINGS

🌐 www.chemtechpolyplast.com



Introduction

Chemtech Polyplast Pvt. Ltd. is a highly trusted & esteemed company specializing in the manufacturing of HDPE / PP Spiral Chemical, ETP, and STP Storage Tanks temperature ranging from -40°C to $+100^{\circ}\text{C}$ latest technology under the brand name "CHEMTECH".

Established with a vision to redefine industry standards, Chemtech Polyplast has built a solid reputation for delivering high-performance polymer compounds and master-batches that meet the diverse requirements of clients.

At the heart of Chemtech Polyplast's success is a relentless commitment to excellence. Our state-of-the-art manufacturing facilities are equipped with the latest technology, enabling us to produce polymer solutions that are both reliable and innovative. From raw material storage to quality control, workshops to laboratories, our facilities are meticulously designed to address every aspect of our operations. Our extensive range of products is meticulously designed to enhance the performance and sustainability of various applications, from packaging and automotive to consumer goods and construction. Our journey is driven by an unwavering focus on research and development. Our dedicated R&D team works tirelessly to develop new formulations and improve existing ones, ensuring that our products remain at the cutting edge of technological advancement. By embracing the latest trends and technology advancements, we are able to offer our client products that are not only superior in quality but also tailored to their specific needs.

With a forward-looking vision and an eye on the ever-expanding global markets, CHEMTECH manufacturing facilities are expertly designed to be highly adaptable and flexible, ensuring we meet the evolving needs of our clients and industry.

GROUP OF COMPANIES



CHEMTECK
ENGINEERS
CONTROLLING CORROSION

LK
POLYMERS
VALVES • PIPES • FITTINGS
"We Believe in Quality"

Since 1984

HDPE SPIRAL TANK



APPLICATION

HDPE/PP Spiral Tanks are specially designed for highly corrosive chemicals like HCL, H₂SO₄, Nitric Acid Aluminum Chloride, Zinc Chloride, Acetic Acid, Urea, Calcium Chloride, Hydrofluoric Acid, Lactic Acid, Phosphoric Acid, Caustic Soda, Brine, Hydrofluoric Acid, Salt Bleaching Solution, Effluent Treatment Water, DM Water, STP Water, Salt Water, Liquor, Calcium Hypochlorite, Potassium Chloride, Dyes, Sodium Bisulphate. Mother Liquor, Ammonia Solutions, Chlor-Alkali Electrolysis, Sea Water, Slurry etc.

Capacity	Upto 100 KL
Length	Upto 6000 mm (longer length available on special request).
Diameters	500mm to 4500mm
Available Diameters	500mm, 600mm, 700mm, 800mm, 900mm, 1000mm, 1200mm, 1400mm, 1600mm, 1840mm, 2000mm, 2100mm, 2200mm, 2400mm, 2550mm, 2700mm, 3000mm, 3300mm, 3600mm, 4000mm, 4500mm

ADVANTAGE

- ③ Immune to Corrosion
- ③ High Impact Strength
- ③ Easy to Maintain
- ③ Leak Proof
- ③ Abrasion Resistance
- ③ Hygienic
- ③ Light Weight
- ③ Assembles Accessories
- ③ Long Lasting
- ③ Easy to Repair
- ③ Resistance to Ultra
- ③ Violet Radiation

FRP/ PP-FRP TANKS



APPLICATION

Our customized FRP tanks and vessels are widely used in the chemical industry in the following sectors: Chlor-Alkali manufacturers, Fertilizer, Wood Pulp and Paper, Metal Extraction, Refining, Electroplating, Brine, Vinegar, Food Processing and in Air Pollution Control Equipment, especially at Municipal Waste Water Treatment Plants and Water Treatment Plants. FRP tanks and process vessels are used in various commercial and industrial applications, including Chemical, Water & Wastewater, Food & Beverage, Mining & Metals, Power, Energy and High-purity applications. We manufacture tank up to 100 KL in various size as per clients requirement.

ADVANTAGE

- ③ Flexible in mechanical property.
- ③ FRP is composed of fiberglass or its fabric and synthetic resin.
- ③ Excellent heat insulating property.
- ③ High corrosion resistance.
- ③ Leak free.
- ③ Unique structure.
- ③ Reliable function of end plate and good suitability



HDPE / PP REACTION VESSEL



We provide HDPE/PP Spiral Reaction Vessel with MS Structure to hold the Tank & Stirrer with Rubber Lining & HDPE Lining, Gear box with Motor & other required parts. We manufacture Spiral Reaction Vessel as per client's requirement. We also provide MS Stirrer with Rubber Lining, HDPE Lining, PP Lining, and FRP Lining

HDPE / PP / FRP SCRUBBING SYSTEM

HDPE, PP & FRP Scrubber are specially designed to clean Air, Fuel Gas & other Gases of various Pollutants Chemicals and Dust particles. We also provide full scrubbing system with Scrubber, Tank, Blower, PP Pump.

ADVANTAGE

- Scrubbers have the ability to handle high temperature and moisture
- Scrubbers can remove both gases and particulate matter
- In Scrubbers, Flue gases are cooled, resulting in smaller overall size of equipment
- Scrubbers can neutralize corrosive gasses



HDPE / PP NUTCH & PICKLING TANK



We manufacture Pickling Tank for Galvanizing of M.S. & S.S. pipes, tubes & wires. We develop and design international quality of Pickling Tanks & also provide fumes extraction system widely used in Pickling plants and Galvanizing plants. Pickling tanks manufacture by using both Imported and Indian material as per client requirement and specification.

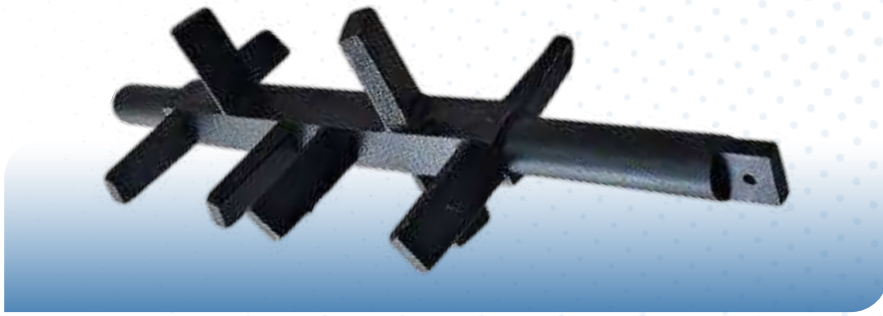
Our Pickling Tanks are engineered for exceptional performance and minimal maintenance, boasting a lifespan of over a decade even under the most severe conditions.

HDPE / PP HORIZONTAL TANK



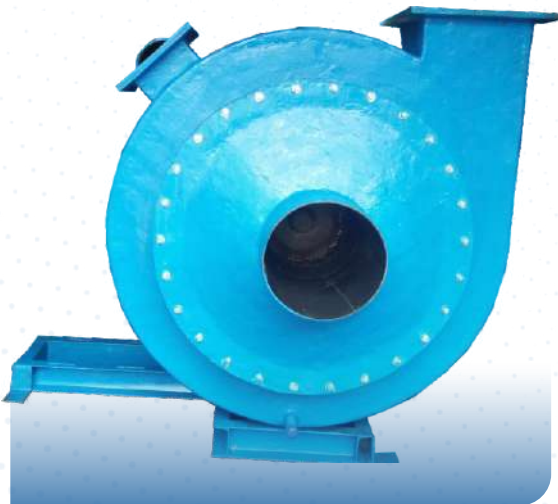
HDPE/PP Spiral Horizontal Tanks are specially designed for highly corrosive chemicals like HCL, H_2SO_4 , Nitric Acid, Aluminum Chloride, Zinc Chloride, Acetic Acid, Urea, Calcium Chloride, Hydrofluoric Acid, Lactic Acid, Phosphoric Acid, Caustic Soda, Brine, Hydrofluoric Acid, Salt Bleaching Solution, Effluent Treatment Water, DM Water, STP Water, Salt Water, Liquor, Calcium Hypochlorite, Potassium Chloride, Dyes, Sodium Bi-sulphate, Mother Liquor, Ammonia Solutions, Chlor-Alkali Electrolysis, Sea Water, Slurry etc.

MSRL + HDPE / PP / FRP LINING STIRRER



We offer many types of Chemical Mixing Stirrer like Pedestal Stirrer, Anchor Stirrer and Pin Bush type Stirrer with Rubber lining & HDPE Spiral Sheet Lining. This product is available in various sizes & having high demand due to its long life & corrosion resistant quality.

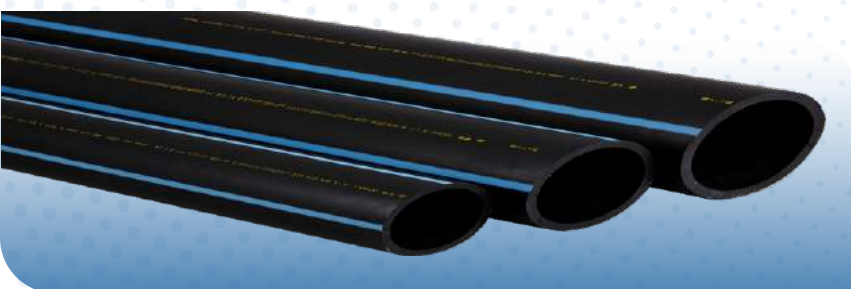
PPFRP BLOWER



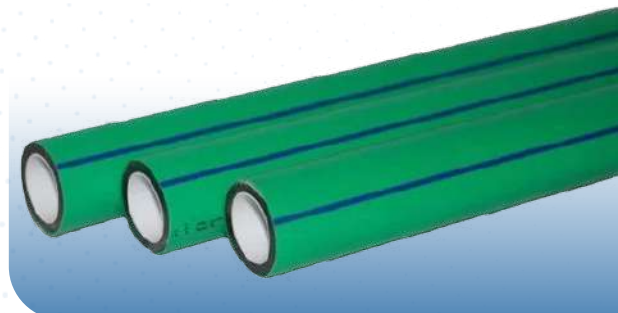
VENTURY



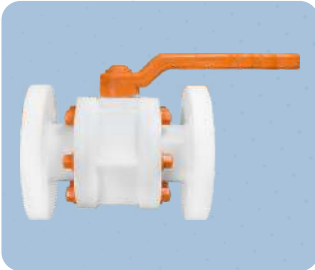
HDPE PIPE



PPRC PIPES



PP VALVES



Ball Valve Flanged End
Mfg. Range: 1/2" to 10"
MOC: PP/ISO PP/
HDPE/PPH/PVDF



Ball Valve Screw End
Range: 1/2" to 4"
MOC: PP/ISO PP
/PPH/PVDF



HDPE Ball Valve
Mfg. Range: 1/2" to 10"
MOC: HDPE



PPRC Ball Valve Flange End
Mfg. Range: 1" to 8"
MOC: PPRC



Foot Valve Flange End
Mfg. Range: 1" to 8"
MOC: PP/ISO PP/
PPH/PVDF



Foot Valve Screw End
Mfg. Range: 1" to 2"
MOC: PP/ISO PP/PPH/PVDF



NRV(Ball Type) Flange End
Mfg. Range: 1" to 8"
MOC: PP/ISO PP/PP/PVDF



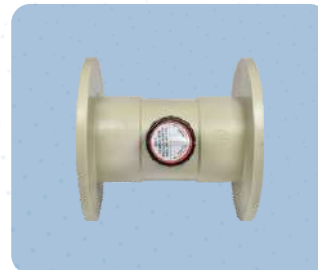
NRV (Ball Type) Screw End
Mfg. Range: 1" to 4"
MOC: PP/ISO PP/PPH/PVDF



Sight Glass
Mfg. Range: 1" to 6"
MOC: PP/ISO PP /PPH/PVDF



Strainer (Y Type) Flange End
Mfg. Range: 1" to 4"
MOC: PP/ISO PP/PPH



HDPE Ball Valve
Mfg. Range: 1/2" to 6"
MOC: HDPE



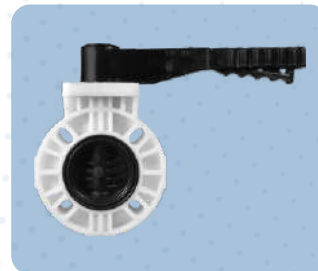
PPRC Ball Valve Flange End
Mfg. Range: 1" to 8"
MOC: PPRC



Strainer (Y Type) Screw End
Mfg. Range: 1/2" to 1 1/2"
MOC: PP/ISO PP/PPH



**Diaphragm Valve
Flange End**
Mfg. Range: 1" to 4"
MOC: PP/ISO PP PPH



Butterfly Valve
Mfg. Range: 3" to 10"
MOC: PP/ISO PP/PPH



PVC Butterfly Valve
Mfg. Range: 2" to 6"

HDPE FITTINGS UP TO PN10



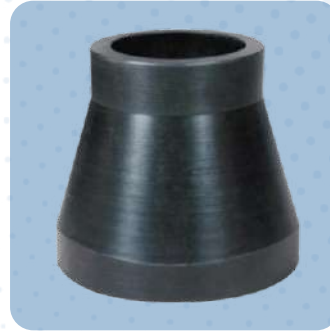
Bend (PN -10)

Mfg Range : 20 mm OD
to 315 mm OD



Tee (PN-10)

Mfg Range : 20 mm OD
to 315mm OD



Reducer

Mfg Range : 32 mm OD
to 315 mm OD



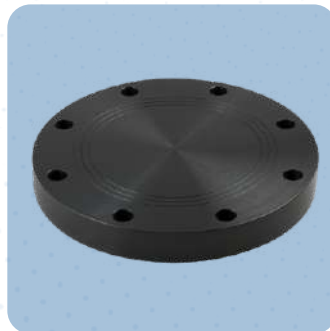
Long Neck Stub End

Mfg Range : 20 mm OD
to 315 mm OD



Slip-On Flange

Mfg Range : 20 mm OD
to 500 mm OD



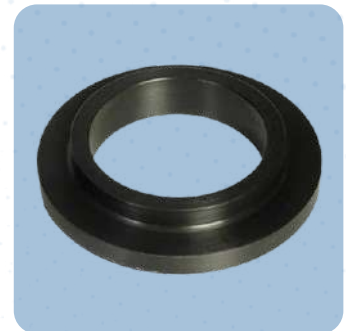
Blind Flange

Mfg Range : 20 mm OD
to 500 mm OD



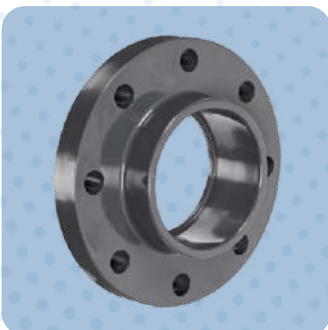
Sandwich Flange

Mfg Range : 32 mm OD
to 500 mm OD



Short Neck Stub End

Mfg Range : 20 mm OD
to 500 mm OD



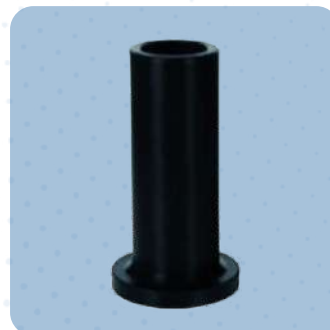
Weld Neck Flange

Mfg Range : 75 mm OD
to 500 mm OD



Tail Piece With Flange

Mfg Range : 32 mm OD
to 160 mm OD



Tail Piece

Mfg Range : 32 mm OD
to 160 mm OD



End Cap

Mfg Range : 63 mm OD
to 315 mm OD

PPRC FITTINGS UP TO PN20



Bend (90 Degree)
Mfg Range : 16 mm OD
to 160 mm OD



Bend (45 Degree)
Mfg Range : 16 mm OD
to 160 mm OD



Buttweld Elbow
Mfg Range : 200 mm OD
to 400 mm OD



Buttweld Tee
Mfg Range : 200 mm OD
to 400 mm OD



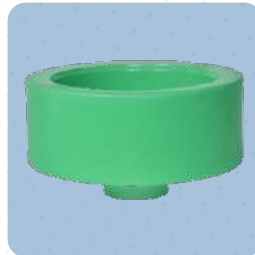
Tee
Mfg Range : 16 mm OD
to 160 mm OD



Reducing Tee
Mfg Range : 20 mm OD
to 160 mm OD



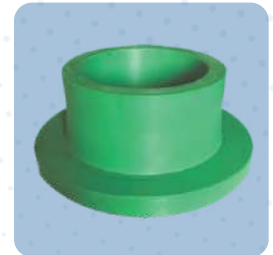
Coupler
Mfg Range : 16 mm OD
to 160 mm OD



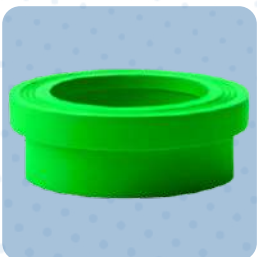
Reducer
Mfg Range : 20 mm OD
to 315 mm OD



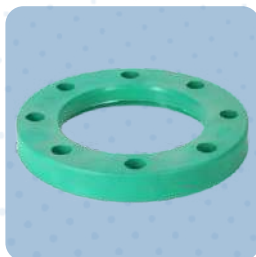
End Cap
Mfg Range : 20 mm OD
to 315 mm OD



Long Neck
Mfg Range : 32 mm OD
to 400 mm OD



Core Flange (LN)
Mfg Range : 20 mm OD
to 400mm OD



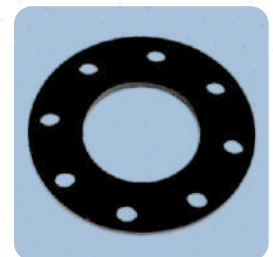
Slip On Flange
Mfg Range : 20 mm OD
to 315 mm OD



Union
Mfg Range : 20 mm OD
to 63 mm OD



Ball Valve
Mfg Range: 1/2"
to 4"



MS Powder Coated Flange
Mfg Range : 20 mm. OD
to 400 mm OD



Male Thread Elbow (Brass)
Mfg Range : 16mm
OD to 32mm OD



Female Thread Elbow (Brass)
Mfg Range : 16mm
OD to 32mm OD



Female Thread Tee (Brass)
Mfg Range : 16mm OD
to 32mm OD

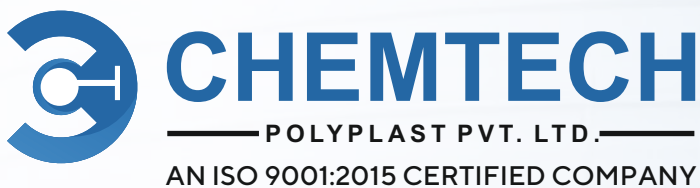


Male Thread Tee (Brass)
Mfg Range : 16mm OD
to 32mm OD



Female Thread Adopter (Brass)
Mfg Range : 16mm OD
to 110mm OD

Clients



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