



advect

ADVECT PROCESS SYSTEMS

ISO 9001 // CRN // ASTM



Fluoropolymer Lined Products Casting Parts Forging Parts



DESIGN STANDARD

Our products are designed in line with International Design standards for Lined Products, Casting and Forging industries.



MATERIAL STANDARD

our products are in line with International material standards such as ASTM, DIN, JIS, IS, etc.



QUALITY STANDARD

Our products are quality-tested and inspected in line with international standards.

At ADVECT PROCESS, our main aim is to provide top-quality products to processing industries, engineering companies, and OEMs. Our products are designed and manufactured with cost optimization in mind, taking into account the competition in the market. Our technical support and distribution teams have vast experience in handling projects of all sizes. Since our products are developed and supplied directly from the factory, we have the flexibility to offer better delivery and customization of non-standard parts.



www.advectprocess.com

ABOUT US:

Advect Process Systems, a leading company in North America based in Canada and the USA, is a professionally managed group in the field of processing industries. Our core strength is the manufacturing of lined products (lined pipes, fittings, and valves), casting parts, forging parts, and precision machined parts. Our raw material division also offers fluoropolymers and specialty chemicals.

Our products are widely accepted and perform exceptionally well in several industries, including agriculture equipment, fluid handling, food processing, government and defense equipment, lifting and swivels, mining, oil and gas, pumps and valves, railroads, transportation, utility, chemical and pharmaceutical plants, water treatment, the agrochemical industry, and bromine plants.

All our products surpass international standards and quality specifications, making us the go-to choice for clients who value quality and performance.

MANUFACTURING:

- We have our manufacturing facility for lined products and also offer products under contract manufacturing from reputed manufacturers.
- Our manufacturing facility follows the latest process and testing standards so we can offer all products and services consistent with client requirements.
- Our young and dynamic team of engineers and supporting team are well experienced & Qualified to manage requirements of maintenance and projects.
- Our process is well equipped for traceability of material and production throughout production and even after sales.
- Our approved manufacturers, suppliers, and vendors are approved under strict quality criteria and regular audits of facility.
- Casting products and forging products are high quality and consistent in terms of process for OEM and end users.

PRODUCTS:

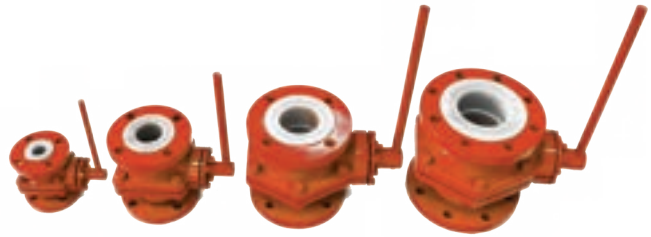
Lined Pipes and fittings (Lining Options: PTFE, PFA, FEP, PVDF, HDPE, and PP)

- PTFE lined Pipes / PTFE lined Bend/Elbows
- PFA/FEP Lined Tee/Cross/Reducer/Headers/Y type strainer/Instrument Tee
- PFA/FEP lined Sight flow indicator / full view sight glass / PTFE lined flexible hose pipe



PTFE/ PFA lined valves (MOC:MS/SS)

- Lined Ball valve / Lined Flush Bottom Valve / Lined Butterfly valve
- Lined Diaphragm valve / Lined Plug valve



Glass lined Reactor accessories

- PTFE Nozzle liners / solid bush for GLR nozzles / PTFE envelop gaskets / Expanded PTFE gaskets
- PTFE lined Dip Pipe / Feed Pipe / J – Pipes / Sparger / PTFE lined thermo well
- FEP lined man-way cover assembly

PTFE Products

- PTFE expansion joints / Bellows / PTFE bush/ rod / customized products
- Expanded PTFE Sheets



Casting



- Sand Casting
- Shell Moulding Casting
- Investment Casting
- Centrifugal Casting
- Precision Machining

Casting Parts



Forging



- Closed Die Forging
- Open Die Forging
- Seamless Rolled Ring Forging
- Cold Forging

Forging Parts



Applications:

Chemical Industries | Oil & Petro-Chemical Industries | Pharma (API / Bulk Drug) and Biotechnology
Power Generation | Refining & Petrochemicals | Pesticides | Paper & Pulp | Chloroalkyl | Agrochemicals
High Purity | Semi Conductor | Wastewater Treatment | Food processing | Agriculture | Fluid handling |
Government and Defense equipment | Lifting & Swivels | Mining | Pumps and valves | Rail Road |
Transportation | Utility | Bromine plants

QUALITY:

- We highly value our clients' time and the production costs. Therefore, we strictly follow quality standards to ensure that our products perform exceptionally well. Our product undergoes stage-wise quality checkpoints, ensuring that the delivered material performs beyond the expected lifespan.
- From the initial stage of raw material selection to the final product testing, we have a robust Quality Management System in place. All our products undergo testing in line with international standards.
- We conduct Hydraulic, Pneumatic and High Voltage Spark testing at various stages of production to ensure the highest quality of our products.



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