

PLASTICS

“We are your Indestructible Joint for all your Plastic Piping needs”

- We are pioneers in plastic (UPVC, CPVC, ABS, PVDF, PP, HDPE) pipe & fittings assembly and installation works for all types of industries & communities.
- We bring the design & architecture alive by carrying out assembly/installation of plastic pipe & fittings of any local/international brands like Astral, +GF+, Cepex, Glynwed, AGRU & so on.....
- Entire eras of human history are named after materials. Following the Stone, Bronze and Iron Ages, we are now living in the “Plastics Age”. Plastic is the material of the 21st century and industry & community is moving towards “Total Plastic Solution”.

PVC Assembly Guidelines

- Make square cuts for strong joints.
- Sand off the saw burrs for a better fit.
- Mark the pipe & fitting for precise orientation.
- Push & twist for leak-proof joints.
- Fix mistakes with a coupling.
- Allow for shrinkage of you dry-fit the pipes.
- Use the proper solvent for each type of plastic.
- Use transition couplings to connect different types of pipes.

Innovative Ideas to use Plastics in;

WATER & WASTEWATER TREATMENT SEGMENT: (Industry, Municipality)

- † Chemical Dosing.
- † Dilution & Water Injection.
- † Media Filtration.
- † Systems for Potable Water.
- † Systems for Industrial & Municipal Waste Handling/Treatment.
- † Resin Ion Exchangers.
- † Membrane Systems.
- † Systems for Pool Water.



BUILDING SEGMENT: (Residential, Resorts, Malls, Office, Hotels, Hospitals)

- † Hot & Cold Water.
- † HVAC.
- † Fire Protection.
- † Compressed Air.
- † Water Distribution.
- † Vacuum.
- † Grey Water/Sewage Lines.

FOOD & BEVERAGE SEGMENT: (Diaries, Cold Storage, Beverages)

- † Refrigeration (low temp - $< 0^{\circ}\text{C}$).
- † Cooling.



CHEMICAL PROCESS INDUSTRY SEGMENT: (Petrochemical, Oil & Gas, Chemicals)

- ↑ Filling Stations.
- ↑ Dilution, Dosing & Water Injection.
- ↑ Air Cleaning/Flue Gas Desulphurization.
- ↑ Batching.
- ↑ Neutralization.
- ↑ Water Treatment.

SHIPBUILDING SEGMENT: (Cruise Liners, Ferries, Mega Yachts, Freighters)

- ↑ Ballast Systems.
- ↑ Bunker Lines.
- ↑ Black & Grey Water.
- ↑ Potable Water.
- ↑ Water Treatment.

LIFE SCIENCE SEGMENT: (Pharmaceutical, Biotechnology, Cosmetics, Institutional, Laboratories)

- Distribution Loops.
- Deionization.
- Chemical Distribution & Dosing.
- Water & Wastewater Treatment.

- Water for Injection.
- Pure Water.
- High Purity Water.

MICRO ELECTRONICS SEGMENT:

- Ultrapure Water.
- DI Water/Specified Water.
- Chemical Waste.
- CMP/Slurry.

- Exhaust.
- Chemical Distribution.
Process.
- Cooling Tower.

Total Plastic Solutions will be used throughout the industry & community at an even more extensive way and it is our task to secure correct, precise & aesthetically installed systems.



To know more get in touch with us!!

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"think green & save blue"
"a water engineering company"