Types of Plastic Pipes

PVC (Polyvinyl Chloride)

Commonly used for water supply lines, drainage systems, and irrigation. Known for its durability, chemical resistance, and low cost. Not suitable for hot water applications.

CPVC (Chlorinated Polyvinyl Chloride)

Similar to PVC but with added chlorine, giving it higher temperature resistance. Used in hot and cold water supply systems, as well as industrial liquid handling.

PE (Polyethylene)

Highly flexible and resistant to corrosion and chemical attack. Used in water supply lines, gas lines, and irrigation systems. Variants include HDPE (High-Density Polyethylene) and LDPE (Low-Density Polyethylene).

PEX (Cross-linked Polyethylene)

A type of polyethylene with cross-linked bonds, offering enhanced durability and temperature resistance. Commonly used in residential plumbing for hot and cold water supply.

PP (Polypropylene)

Known for its high chemical resistance and durability. Used in chemical handling, potable water supply, and industrial applications. Often used in plumbing and drainage systems.

Types of Plastic Pipes

ABS (Acrylonitrile Butadiene Styrene)

A thermoplastic known for its impact resistance and toughness. Commonly used in drainage, waste, and vent (DWV) systems. It is lightweight and easy to install.