



VISTA PIPES

Be the first, for the best

PE-AL-PE Composite Pipe as per ISI 5450: 2004

- ✓ Durable & Long Life
- ✓ Flexible & Easy to Handle
- ✓ Safe for Drinking Water
- ✓ Environmental Friendly
- ✓ Free from Rust & Scale formation

Vista composite pipes are the combination of Metal and Plastic. Aluminium is the metal component and polyethylene is the plastic component, this composite which combines the best features of pipe which is corrosion - resistant and can withstand high temperature and high pressure. VISTA Pipe avoids unaccepted thermal expansion and deformation of plastic pipes, is done by combining the two materials along with adhesive layers. Besides this Vista Composite Pipes also retains the flexibility, frost resistance and ease of use associated with plastic. The most unique feature of vista pipes is its malleability & Vista pipes permanently holds whatever shape it is formed into. Because of smooth inside surface vista pipe is fur& scale free and gives higher consistent flow 30% more than that of GI Pipe.

VISTA Pipe is easily formed into curves, to radius equivalent to 5 times the diameter of pipe. Vista Associates Limited has the ability to supply all kind of piping requirement for the plumbing project. Our goal is to manufacture to constantly increasing quality standards that allow our products to provide a service life far longer than any alternative materials. We're here for the long run, so we manufacture our products and conduct business with that in mind.

We excel in giving our customers, products that are manufactured per their custom projects and stay in close touch on every aspect of their needs.

VISTA brand PE- AL- PE Composite Pipe is a new penetration of pipe engineering and a great reformation in pipe manufacture, enjoys the advantages of both metallic pipe and plastic pipe as it has many chemicals and physical properties, therefore they can be used in cold and hot water, gas, compressed air, solar energy and air conditioned, heating, medical, foodstuff and chemical fluid supply pipe systems, of both industrial and household. Its the best substitute for all- plastic pipe, copper pipe and Galvanized pipe Vista pipe can be formed by hand reducing to fewer fittings and joints with faster installation and less wastage Role of PE layers of composite pipe provide all advantages of plastic pipes, the inclusion of the metallic pipe Gives the composite pipe the strength of Metal.

VISTA fittings are specially designed for VISTA pipes made of brass. Does not require any solvents, heat fusions etc. for joining which result in loss of time & leakage. VISTA fittings are hi-corrosion and hi-pressure resistant.

- Cold and Hot Water Plumbing
- Air Conditioning
- Chemical Handling
- Cable Conduits
- Compressed Air, Gas & Fluids
- Vaccum systems
- Radiator Central Heating
- Under Floor Heating
- LPG, Natural Gas
- Diesel, Petrol, & other Petroleum Products

Equivalent Size Selection / Flow rate comparison

Vista Pipe Size	GI Pipe Size
1014	3/8"
1216	1/2"
1620	3/4"
2025	1"
2532	1¼"
3240	1½"



Quality of water after few months of pipe erection



Water from Vista Pipes



Water from Conventional Pipes

VISTA Composite Pipes & other pipes : A comparison

	VISTA Composite Pipes	Galvanised Iron Pipes	Copper Pipes	CPVC
Scale Formation	No scale formation due to smooth inner surface	Very High Scale Formation	No scale formation due to smooth inner Surface	No scale formation due to smooth
No corrosion	No corrosion	Prone to corrosion	Gets corroded due to acidic nature of water	No Corrosion
Hygiene	Very Good	Low due to lead content and corrosion	Good with ferrule but lead content in case of shouldered fitting is not Hygienic	Good
Joining Technique	Easy, Fittings basically in compression, needs only to be inserted & tightened.	Difficult & Threaded. Time consuming for making Threads.	Soldered or ferrule	Solvent cement joining.
Thermal Expansion	Low. Good for use in Concealed Piping	Low good for use in concealed piping	Low good for use in concealed piping	Very High, Requires special as being rigid.
Working Temperature	-40 to 95 degrees	0 to 100 degrees	0 to 100 degrees	0 to 90 degrees
UV Resistance	Very Good	Very Good	Very Good	Low
Stress Crack Resistance	Excellent	Good	Good	Low
Size stability	High	Low	Low	Low
Chemical Resistance	Excellent	Good	General	Good
Heat Resistance	Good	Bad	Bad	Bad
Application Scope	Potable water supply system, compressed air pipeline, floor-heating System, cold-hot piping system etc.	Cold-hot piping system with Lower temperature.	Potable water supply, compressed air pipeline, floor-heating	Only Potable water supply

VISTA PIPES CONFIRMS TO THE FOLLOWING STANDARDS

INDIA : ISI 5450

USA : ASTM F 1281, ASTM F1282

UK : BS7291, BS6920

Germany : DVGW W542, DVGW W534

CANADA : CSA B 137.9, CSA B137.10

AUSTRALIA : AS 4176



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