



Irritime / Spaghetti Pipe

Applications:



Vineyards



Tree and orchard



Greenhouse

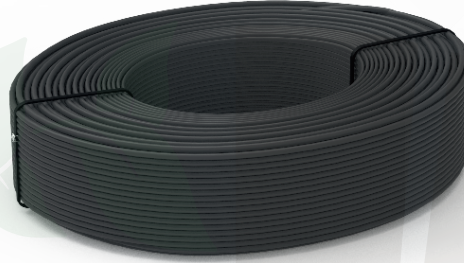


Nurseries

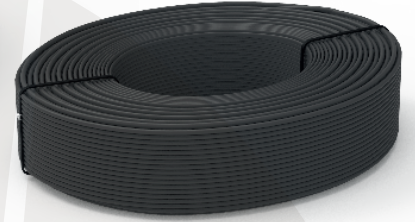


Landscape

7 mm



5 mm



- Produced from low density polyethylene (LDPE) raw material.
- Easy to use and safe.
- Resistant to continuous collection and laying.
- Contains additives resistant to UV rays.
- Resistant to chemicals used in agriculture.
- Gives light and airiness in the greenhouse.
- Pipes are packaged as coils or cut to certain dimensions.
- Since spaghetti pipes do not pass sunlight, the water passing through the pipe does not collect moss over time and does not clog
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Ø Nominal Diameter	Outer Diameter	Inner Diameter	Wall Thickness	Max. Operating Pressure
mm	mm	mm	mm	bar
5	5	3,2	0,9	3
7	7	5,2	0,9	3
12	12	9,6	1,2	3





irritime

Air Release Valve



Plastic air release valve, small diameter water networks, filtration systems, in media filters, closed tanks, etc. applications are air release valves used for air evacuation.

- The air release valve quickly discharges the air from the system.
 - It prevents cavitation hazards by balancing the system pressure with atmospheric pressure.
 - By quickly evacuating the air in the system, it prevents any cavitation hazards that may occur in the system.
- protects against hazards

FEATURES:

- The design of the valve will be able to compensate for pressure differences in the system and in the atmosphere is manufactured with capability.
- This design gives the valve excellent aerodynamic properties.
- Even at low pipeline pressures, the valve is capable of venting air from the system.
- Thanks to the full sealing stud, it provides full sealing when the float of the suction cup is closed.
- Valve connection is 2" threaded (BSP) connection.
- There is a filter at the outlet of the air to prevent solid particles and particles from entering.

WORKING PRINCIPLES :

The plastic air release valve operates in 2 modes.

- 1- Evacuation Mode: With the rapid flow of water in the system, a large amount of air fills the pipe system. When the water reaches the air release valve, the float of the valve moves upwards and removes the air from the system quickly by preventing the water from escaping.
- 2- System Pressure Equalization Mode: Balances the difference between the system pressure and the atmospheric pressure after discharging the air from the system.

VARIATIONS :

- 1-Discharge of air with low pressure and high capacity (flow rate) during filling of the pipeline,
 - 2-Protection of the pipeline from vacuum phenomenon by allowing large amounts of air to fill the pipeline during the evacuation of the pipeline,
 - 3-Discharge of air with high pressure and low capacity (flow rate) during the operation of the pipeline,
- Suction cups that meet Article 3: Single orifice, Single acting,
 - Suction cups meeting Article 1 and 2: Single orifice, Double acting,
 - 1. Suction cups that fulfill points 2 and 3: Double orifice, Triple acting (Kinetic type),

