

IdOL



➤ SPRINKLER
IRRIGATION
SYSTEM



Idol Sprinkler Irrigation System

- » We offer HDPE Pipes and fittings for Sprinkler System. These are used for spraying water through Nozzles to get maximum water use efficiency.
- » Sprinkler irrigation system is a method of water conveying system from main water resources to the cultivation fields through spray technology. This type of technology is used mainly where the crops cultivation is irregular and for the crops which require cool breeze. In sprinkler system the water has been pressurized & sprayed through an orifice which has been fitted in a self-rotating shut off nozzle.
- » These Sprinkler Pipes are manufactured from High Density Polyethylene Granules and special additives such as ultra violet radiation Stabilizers, Antioxidants, Anti-aging & Environmental stress crack agents, etc.

Application

- » **Agricultural :**
Variety of Crops like Cotton, Soya Bean, Wheat, Gram, Groundnut, Pulses etc.
- » **Other :**
Playground.
Golf Course Maintenance.
Land Decor and Beautification.

Advantages

- » More Economical as it helps in Saving Water, Electricity, Fertilizers, Pesticides.
- » Tough, Portable and Light Weight as Compared to its counter-parts I.E. Aluminum Sprinkler System Hence Minimizing the Labour and Transportation Costs.
- » Easy Handling and Quick Installation.
- » Sprinkler Irrigation Does not Require Surface Shaping of Leveling.
- » Flexibility is Possible Because Sprinkler Heads are Available in a Wide Range of Discharge Capacities.

Components of Sprinkler Irrigation System



Nozzle



Band



Pipe Connector



Foot Button



Tee



End Cap



Riser Pipe

Idol Sprinkler Pipes Comply to IS 14151 (Part I & Part II)

Size (mm)	Outside Diameter (mm)		Wall Thickness (mm)			
			Class 1 (2.5 kg/cm ²)		Class 2 (3.2 kg/cm ²)	
			Min.	Max.	Min.	Max.
63	63	63.6	-	-	2.0	2.4
75	75	75.7	2.0	2.4	2.5	2.9
90	90	90.8	2.2	2.6	2.9	3.4
110	110	111	2.7	3.2	3.4	3.9
125	125	126.2	3.1	3.6	3.8	4.5
140	140	141.3	3.5	4.1	4.3	5.0