



Sprinkler Irrigation System

Supreme offers HDPE coupled pipes and fittings for sprinkler irrigation under the brand name "Supreme Varsha sprinkler system". This system is used for spraying water through nozzles (Sprinklers) to get maximum water use efficiency. This system consists of pipes and fittings made from HDPE material along with accessories. Varsha sprinkler pipes, fittings and accessories are designed and developed by experts in the field to provide the best quality and hence ensures total satisfaction.

Varsha sprinkler pipes and fittings are useful for all kinds of soil and all types of crops. It is suitable for land with undulating terrains. By applying water through sprinkler system, water can be used effectively and precious water can be saved, soil erosion can be prevented.

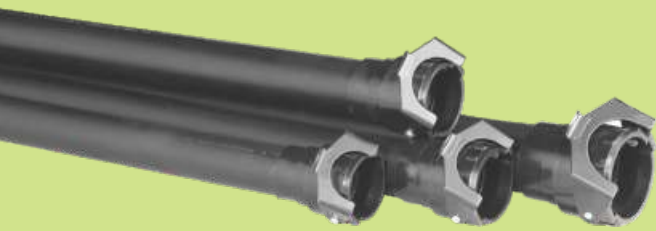
Application - Suitable for almost all field crops like Wheat, Gram, Pulses as well as Vegetables, Cotton, Soyabean, Tea, Coffee and other fodder crops. System is also suitable for Residential and Industrial Projects, Hotels, Resorts, Public / Government Enterprises, Golf Links and Race course areas.

Product Range - Supreme sprinkler pipes and fittings are manufactured as per IS:14151-(Part 1 and 2). We have licence to produce 40 to 140 mm in Class 1 i.e. 2.5 Kgf/cm² and Class 2 i.e. 3.2 Kgf/cm² and 90 mm size in Class 4 i.e. 6.0 Kgf/cm². 8 mm ID spray pipes in 16 kgf/cm² are also available.

Fittings and Accessories - Besides sprinklers (nozzles), riser pipes and metal clamps, elbow, tee, end cap, foot batten (base pipe), service saddle, etc. with provision coupled ends are available to meet the application requirements which makes the system complete in all respect.

UNIQUE FEATURES

- Pipes and fittings are manufactured as per Indian standard IS: 14151 (Part 1 and 2)
- More than 40% water saving in comparison with flood irrigation
- Especially suitable for irrigation of undulating terrain - Land leveling is not required
- Potable, light weight and easy to handle
- Extensive saving in transportation and labor cost
- Easy and quick installation by using coupler type joint provided with both pipes and fittings
- Excellent corrosion resistance
- UV Stabilized - Protection from ultra violet sun rays - Suitable for exposed application
- Highly flexible, crack and impact proof - Sustains high pressure and high temperature
- Chemically inert and suitable for using liquid fertilizers and pesticides
- Strong, durable and long lasting
- Cost effective






PIPES

Nominal Size	Outside diameter (D) in mm		Wall thickness (t) in mm			
			Class 1		Class 2	
			Min	Max	Min	Max
63	63.0	63.6	-	-	2.00	2.40
75	75.0	75.7	2.00	2.40	2.50	2.90
90	90.0	90.8	2.20	2.60	2.90	3.40
110	110.0	111.0	2.70	3.20	3.40	3.90
125	125.0	126.2	3.10	3.60	3.80	4.50
140	140.0	141.3	3.50	4.10	4.30	5.00


FITTINGS AND ACCESSORIES


Coupled Bend	Size in mm
	63 75 90
	63 75 90 110

Threaded Pump Connector	Size in mm
	63 75 90
	63 75 90

End Cap	Size in mm
	63 75 90
	63 75 90 110

Coupled Tee	Size in mm
	63 75 90
	63 75 90 110

Foot Batten Adaptor with M.S. Saddle	Size in mm
	63 75 90

Nozzle Model - 02 (F.C.)	Nozzle Size in mm	Pressure in Kg/cm ²	Diameter in Meter	Discharge in LPM
	5.15 x 3.17	2.00 2.50 3.00 3.50	25.00 28.00 30.00 32.00	34.00 36.50 38.00 41.00

The Supreme Industries Ltd. (Plastic Piping Division)

Corporate Office: 1161/1162, Solitair Corporate Park, Building No. 11,167, Guru Hargovindji Marg, Chakala, Andheri Ghatkopar Link Road, Andheri (East) Mumbai - 400 093. India. Tel: 91-22-67710000, 40430000 Fax: 67710099 /40430099.
Regd. Office: 612 Raheja Chambers, Nariman Point, Mumbai 400 021. India Tel.: (022) 22851656, 22820072 Fax : (91-22) 22851657
E-mail: pvc-pipes@supreme.co.in **Website:** www.supreme.co.in

Works: D-101/102, MIDC, Jalgaon - 425 003.

• Unit No.3, Gat No.47-48, at post Gadegaon, Tal. Jamner ,Dist., Jalgaon- 425 114

Export Division: 91-22-6771 0126 / 4043 0126 Fax : 6771 0130

Overseas Office: Sharjah, U.A.E. Tel # + 971 6 557 4484; Fax # + 971 6 557 4485

CIN: L35920MH1942PLC003554

Branch Offices	Tel.	Fax
Ahmedabad	: 079-30028371	27680064
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