

MINIMUM TECHNICAL SPECIFICATION

MINIMUM TECHNICAL SPECIFICATION OF DRIP IRRIGATION COMPONENTS

Sl No.	Drip System Items	Size / Class	UNIT	MINIMUM TECHNICAL SPECIFICATION
1	ISI Mark PVC Pipe IS 4985: 2000 MAIN /SUB MAIN PIPE	110 MM /CI-2	Meter	IS 4985 : 2000 with latest ammendents for uPVC Pipes.
		90 MM /CI-2	Meter	
		75 MM /CI-2	Meter	
		63 MM /CI-2	Meter	
		50 MM /CI-3	Meter	
2	ISI Marked LATERALS IS 12786:1989	12 MM Class 2	Meter	IS 12786 : 1989 with latest ammendents.
		16 MM Class 2	Meter	
		20 MM Class 2	Meter	
		25 MM Class 2	Meter	
		32 MM Class 2	Meter	
3	ISI Marked Emitting Laterals 16MM: 2/4 lph IS 13488	16 MM 20 CM CL-2	Meter	IS 13488 : 1992 with latest ammendents.
		16 MM 30CM CL-2	Meter	
		16 MM 40 CM CL-2	Meter	
		16 MM 50CM CL-2	Meter	
		16 MM 60 CM CL-2	Meter	
		16 MM 75CM CL-2	Meter	
		16 MM 90 CM CL-2	Meter	
		16 MM 110CM CL-2	Meter	
		16 MM 125 CM CL-2	Meter	
4	ISI Marked Emitting Laterals IS 13488 12MM: 2/4 lph	12 MM 20 CM CL-2	Meter	IS 13488 : 1992 with latest ammendents.
		12 MM 30CM CL-2	Meter	
		12 MM 40 CM CL-2	Meter	
		12 MM 50CM CL-2	Meter	
		12 MM 60 CM CL-2	Meter	
		12 MM 75CM CL-2	Meter	
		12 MM 90 CM CL-2	Meter	
		12 MM 110CM CL-2	Meter	
		12 MM 125 CM CL-2	Meter	
5	ISI Marked Dripper IS 13487: 1992	2 LPH /PC	No	IS 13487 : 1992 with latest ammendents.
		4 LPH/PC	No	
		8 LPH/PC	No	
		2 LPH /NPC	No	
		4 LPH/NPC	No	
		8 LPH/NPC	No	

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SI No.	Drip System Items	Size / Class	UNIT	MINIMUM TECHNICAL SPECIFICATION
6	MICRO TUBE	1 MM	Meter	
		1.5 MM	Meter	
		2 MM	Meter	
		2.5 MM	Meter	
		3 MM	Meter	
7	ISI Marked SCREEN FILTER IS 12785:1989 (Metal)	10- M-3/HR	No	IS 12785 : 1994 with latest ammendents.
		15 M-3/HR	No	
		20 M-3/HR	No	
		25 M-3/HR	No	
		30 M-3/HR	No	
		40 M-3/HR	No	
	ISI Marked SCREEN FILTER IS 12785:1989 (Plastic)	50 M-3/HR	No	IS 12785 : 1994 with latest ammendents.
		10 M-3/HR	No	
		15 M-3/HR	No	
		20 M-3/HR	No	
		25 M-3/HR	No	
		30 M-3/HR	No	
	DISC FILTER IS 12785:1989	40 M-3/HR	No	IS 12785 : 1994 with latest ammendents.
		50 M-3/HR	No	
		10 M-3/HR	No	
15 M-3/HR		No		
20 M-3/HR		No		
25 M-3/HR		No		
8	SAND FILTER IS 14606	30 M-3/HR	No	IS 14606 : 1988 with latest ammendents.
		40 M-3/HR	No	
		50 M-3/HR	No	
		10 M-3/HR	No	
		15 M-3/HR	No	
		20 M-3/HR	No	
		25 M-3/HR	No	
9	HYDRO CYCLONE FILTER IS: 14743	30 M-3/HR	No	IS 14743 : 1999 with latest ammendents.
		40 M-3/HR	No	
		50 M-3/HR	No	
		20 M-3/HR	No	
		25 M-3/HR	No	
10	CONTROL VALVE PVC	50 MM	No	
		63 MM	No	
		75 MM	No	
		90 MM	No	
		110 M	No	

Sl No.	Drip System Items	Size / Class	UNIT	MINIMUM TECHNICAL SPECIFICATION
11	FLUSH VALVE	50 MM	No	
		63 MM	No	
		90 MM	No	
		110 MM	No	
12	BY PASS ASSEMBLY	1.5"	No	
		2"	No	
		2.5"	No	
		3"	No	
13	FERTIGATION TANK / EQUIPMENT WITH MANIFOLD	30 LTR.	No	
		60 LTR	No	
		90 LTR	No	
		120 LTR.	No	
14	COMPLETE VENTURY ASSEMBLY SET	3/4"	No	IS 14483 : 1997 with latest ammendments.
		1"	No	
		1.25"	No	
		1.5"	No	
		2"	No	
15	PRESSURE GAUGE	0 to 4 kG.	No	
		0 to 7 kG.	No	
16	Mini Sprinkler (Specify inlet size, Discharge & Dia. covered)			
17	Micro Sprinkler (Specify inlet size, Discharge & Dia. covered)			
18	Extension tube (Specify size)		Meter	
			Meter	

ANNEXURE - 8

PRICE BID OF DRIP IRRIGATION COMPONENTS				
Sl	Drip System Items	Size / Class	UNIT	Final Selling Rate to Customer through M
1	ISI Mark PVC Pipe IS 4985: 2000 MAIN /SUB MAIN PIPE	110 MM /CI-2	Meter	
		90 MM /CI-2	Meter	
		75 MM /CI-2	Meter	
		63 MM /CI-2	Meter	
		50 MM /CI-3	Meter	
2	ISI Marked LATERALS IS 12786:1989	12 MM Class 2	Meter	
		16 MM Class 2	Meter	
		20 MM Class 2	Meter	
		25 MM Class 2	Meter	
		32 MM Class 2	Meter	
		40 MM Class 2	Meter	
		16 MM 20 CM CL-2	Meter	

3	ISI Marked Emitting Laterals 16MM: 2/4 lph IS 13488	16 MM 30CM CL-2	Meter	
		16 MM 40 CM CL-2	Meter	
		16 MM 50CM CL-2	Meter	
		16 MM 60 CM CL-2	Meter	
		16 MM 75CM CL-2	Meter	
		16 MM 90 CM CL-2	Meter	
		16 MM 110CM CL-2	Meter	
		16 MM 125 CM CL-2	Meter	
4	ISI Marked Emitting Laterals IS 13488 12MM: 2/4 lph	12 MM 20 CM CL-2	Meter	
		12 MM 30CM CL-2	Meter	
		12 MM 40 CM CL-2	Meter	
		12 MM 50CM CL-2	Meter	
		12 MM 60 CM CL-2	Meter	
		12 MM 75CM CL-2	Meter	
		12 MM 90 CM CL-2	Meter	
		12 MM 110CM CL-2	Meter	
12 MM 125 CM CL-2	Meter			
5	ISI Marked Dripper IS 13487: 1992	2 LPH /PC	No	
		4 LPH/PC	No	
		8 LPH/PC	No	
		2 LPH /NPC	No	
		4 LPH/NPC	No	
		8 LPH/NPC	No	

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SI No.	Drip System Items	Size / Class	UNIT	Final Selling Rate to Customer through M P Agro Inclusive of All Taxes & Margin F.O.R. DESTINATION in Rs. (Figures only)
6	MICRO TUBE	1 MM	Meter	
		1.5 MM	Meter	
		2 MM	Meter	
		2.5 MM	Meter	
		3 MM	Meter	
7	ISI Marked SCREEN FILTER IS 12785:1989 (Metal)	10- M-3/HR	No	
		15 M-3/HR	No	
		20 M-3/HR	No	
		25 M-3/HR	No	
		30 M-3/HR	No	
		40 M-3/HR	No	
	ISI Marked SCREEN FILTER IS 12785:1989 (Plastic)	50 M-3/HR	No	
		10 M-3/HR	No	
		15 M-3/HR	No	
		20 M-3/HR	No	
		25 M-3/HR	No	
		30 M-3/HR	No	
		40 M-3/HR	No	
		50 M-3/HR	No	
	10 M-3/HR	No		

	DISC FILTER IS 12785:1989	15 M-3/HR	No	
		20 M-3/HR	No	
		25 M-3/HR	No	
		30 M-3/HR	No	
		40 M-3/HR	No	
		50 M-3/HR	No	
8	SAND FILTER IS 14606	10 M-3/HR	No	
		15 M-3/HR	No	
		20 M-3/HR	No	
		25 M-3/HR	No	
		30 M-3/HR	No	
		40 M-3/HR	No	
		50 M-3/HR	No	
9	HYDRO CYCLONE FILTER IS: 14743	20 M-3/HR	No	
		25 M-3/HR	No	
		30 M-3/HR	No	
		40 M-3/HR	No	
		50 M-3/HR	No	
10	CONTROL VALVE PVC	50 MM	No	
		63 MM	No	
		75 MM	No	
		90 MM	No	
		110 M	No	

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Sl No.	Drip System Items	Size / Class	UNIT	Final Selling Rate to Customer through M P Agro Inclusive of All Taxes & Margin F.O.R. DESTINATION in Rs. (Figures only)
11	FLUSH VALVE	50 MM	No	
		63 MM	No	
		90 MM	No	
		110 MM	No	
12	BY PASS ASSEMBLY	1.5"	No	
		2"	No	
		2.5"	No	
		3"	No	
13	FERTIGATION TANK / EQUIPMENT WITH MANIFOLD	30 LTR.	No	
		60 LTR	No	
		90 LTR	No	
		120 LTR.	No	
14	COMPLETE VENTURY ASSEMBLY SET IS 14483	3/4"	No	
		1"	No	
		1.25"	No	
		1.5"	No	
		2"	No	
15	PRESSURE GAUGE	0 to 4 kG.	No	
		0 to 7 kG.	No	
16	Mini Sprinkler (Specify inlet size, Discharge, Dia. Covered & Unit)			
17	Micro Sprinkler (Specify inlet size, Discharge, Dia. covered & Unit)			
18	Extension tube (Specify size)		Meter	
			Meter	

