

JAI KISAN[®]
HDPE PIPES & SPRINKLER SYSTEM

14151 (PL2) : 2008
CML 3163043

4984 : 1995
CML 3166352

ISO 9001 : 2008
CERTIFIED COMPANY



MAKING WORLD GREEN !

Our Vision
To deliver the water
in most efficient way

Product Range

Jai Kisan HDPE sprinkler irrigation systems available in sizes of 63mm, 75mm, 90mm & 110mm

Jai Kisan HDPE pipes and coils available in Dia 32mm to 200mm upto 10kg/cm² pressure rating.



- Agriculture and Ducking
- Oil & Petroleum Industries
- Potable Water Supply
- Under Water Piping
- Sewage Pipe System
- Irrigation
- Fuel & Gas
- Food & Dairy Industries
- Suction & Delivery for pumps

● **State-of-the art manufacturing facilities** ● **Premium Quality Range**



CUSTOMER SATISFACTION AS OUR PRIORITY



IS 4984 : 1995 - Material Grade PE 63

Wall Thickness of Pipes for Pressure Ratings of

(All Dimensions in mm)

Nominal	PN 2.5		PN 4		PN 6		PN 8		PN 10		PN 12.5		PN 16	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
32	-	-	-	-	2.3	2.7	3.0	3.5	3.6	4.2	4.4	5.0	5.4	6.2
40	-	-	2.0	2.4	2.8	3.3	3.7	4.3	4.5	5.1	5.5	6.2	6.7	7.6
50	-	-	2.4	2.9	3.5	4.1	4.6	5.3	5.6	6.4	6.8	7.7	8.4	9.5
63	2.0	2.4	3.0	3.5	4.4	5.1	5.8	6.6	7.0	7.9	8.6	9.6	10.5	11.8
75	2.3	2.7	3.6	4.2	5.3	6.0	6.9	7.8	8.4	9.4	10.2	11.4	12.5	14.0
90	2.8	3.2	4.3	5.0	6.3	7.2	8.2	9.3	10.0	11.2	12.2	13.6	15.0	16.7
110	3.4	3.9	5.3	6.0	7.7	8.7	10.0	11.2	12.3	13.7	14.9	16.6	18.4	20.5
125	3.8	4.4	6.0	6.8	8.8	9.8	11.4	12.8	13.9	15.5	16.9	18.8	20.9	23.2
140	4.3	4.9	6.7	7.6	9.8	11.0	12.8	14.3	15.6	17.4	19.0	21.1	23.4	26.0
160	4.9	5.6	7.7	8.6	11.2	12.5	14.6	16.3	17.8	19.8	21.7	24.0	26.7	29.6
180	5.5	6.2	8.6	9.7	12.6	14.1	16.4	18.3	20.0	22.2	24.4	27.0	30.0	33.2
200	6.1	6.9	9.6	10.7	14.0	15.6	18.2	20.3	22.3	24.7	27.1	30.0	33.4	37.0

IS 4984 : 1995 - Material Grade PE 80

Wall Thickness of Pipes for Pressure Ratings of

(All Dimensions in mm)

Nominal	PN 2.5		PN 4		PN 6		PN 8		PN 10		PN 12.5		PN 16	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
32	-	-	-	-	-	-	2.4	2.9	3.0	3.4	3.6	4.2	4.5	5.1
40	-	-	-	-	2.3	2.7	3.0	3.5	3.7	4.3	4.5	5.1	5.6	6.3
50	-	-	2.3	2.8	2.9	3.4	3.8	4.4	4.6	5.3	5.6	6.4	6.9	7.8
63	-	-	2.5	3.0	3.6	4.2	4.7	5.4	5.8	6.6	7.0	7.9	8.7	9.8
75	-	-	2.9	3.4	4.3	4.9	5.6	6.4	6.9	7.8	8.4	9.4	10.4	11.6
90	2.3	2.8	3.5	4.1	5.1	5.8	6.7	7.6	8.2	9.3	10.0	11.2	12.5	13.9
110	2.7	3.2	4.3	5.0	6.3	7.1	8.2	9.3	10.0	11.2	12.3	13.8	15.2	16.9
125	3.1	3.7	4.9	5.6	7.1	8.0	9.3	10.5	11.4	12.8	13.9	15.5	17.3	19.2
140	3.5	4.1	5.4	6.2	8.0	9.0	10.4	11.7	12.8	14.3	15.6	17.4	19.4	21.5
160	4.0	4.6	6.2	7.1	9.1	10.2	11.9	13.3	14.6	16.3	17.8	19.8	22.1	24.5
180	4.4	5.1	7.0	7.9	10.2	11.5	13.4	15.0	16.4	18.3	20.0	22.2	24.9	27.6
200	4.9	5.6	7.7	8.7	11.4	12.7	14.9	16.6	18.2	20.3	22.3	24.7	27.6	30.6

Features

- Sprinkler System saves water up to 30-40%.
- Superior corrosion, chemical, weather, abrasion resistance.
- Ease of handling, shipping and installation.
- Flexible and light weight, long lasting and economical.
- Strong & Ductile.
- Fatigue, surge, impact, freeze resistant and zero leak-rate.
- Easy weld ability than other metal based pipe.

- Seamless interior walls for easy flow.
- Non toxic and Non tasting.
- Hydraulically smooth and self restrained pipe (Monolithic).



SIDDHARTH PATNI



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Accessories for HDPE Sprinkler System