

COMPANY PROFILE

About Us

- • • • M/s: Jharana Industries Pvt. Ltd. (JIPL) is a dynamic organization where we work
- • • • with the aim of empowering and bettering the life of the people by providing
- • • • quality products. Our purpose is to connect people through our innovative
- • • • product and services. Our manufacturing unit is enabled with the high quality
- • • • machineries and equipments with advance testing facility to deliver best quality
- • • • products

As JIPL establishes its recognition with the brand name "GLOBAL Jet", we let our products speak for itself. Our team are driven with the passion of providing complete solution to meet our customer expectation

Why Choose Us ?


1. Fit for enduring high inward and outside loads by offsetting inside liquid tension with outer soil pressure
2. Synthetically latent and impervious to synthetic substances and threatening destructive soil
3. Firmly impervious to acids, too as salts and can be laid in muddy and destructive soils with no covering .
4. Adaptable Because of Flexibility and can be Provided jointless in length of up to 300 Mtrs. for small diameter pipes.

Contact

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Our Services



Our Products



HDPE PIPES

Introduction:-

HDPE pipe are made utilizing polyethene which is a thermoplastic polymer comprising of long chains of ethylene or ethane, which offers incredible protection properties. the most adaptable one. Anything how much pressure, our GLOBALjet HDPE pipes can undoubtedly Produced under rigid quality,It can be used as sprinkler water system , water supply water system , sewerage line and many mores

Applications:-

Municipalities, Corporations and Public Utilities:

Pumping Mains for Water • Potable Water Distribution System • House Service Connections • Waste Water Treatment Plants. • Ducting.

Irrigation & Agricultural •

Rising Main & Distribution Systems • Lift and Gravity Irrigation • Drip Irrigation • Gated Pipe Irrigation • Sprinkler Irrigation • Aquaculture • Canal Replacement Industrial • Pulp & Paper • Chemical Process Lines .

Building, Construction & industries:

Fertilizers • Food Processing Industry • Marine Intake and Outfall • Fire Fighting Systems • PE Pipe and Fittings which are widely accepted in following applications.

WEIGHT PER METERWISE OF DIFFERENT SIZES OF HDPE PIPES AS PER IS: 4984/2016

Material Grade : PE 63

SL.NO.	PIPE DIAMETER (in mm)	Pressure Rating PN 2.0	Pressure Rating PN 2.5	Pressure Rating PN 3.2	Pressure Rating PN 4.0	Pressure Rating PN 5.0	Pressure Rating PN 6.0	Pressure Rating PN 8.0
		Weight PER METER (in Kgs.)	Weight PER METER (in Kgs.)	Weight PER METER (in Kgs.)	Weight PER METER (in Kgs.)	Weight PER METER (in Kgs.)	Weight PER METER (in Kgs.)	Weight PER METER (in Kgs.)
1	16							
2	20							0.111
3	25						0.142	0.167
4	32					0.185	0.226	0.270
5	40				0.235	0.288	0.355	0.430
6	50			0.310	0.365	0.451	0.548	0.666
7	63			0.491	0.577	0.703	0.874	1.054
8	75	0.450	0.535	0.671	0.825	1.015	1.237	1.488
9	90	0.620	0.786	0.974	1.171	1.423	1.772	2.119
10	110	0.935	1.153	1.445	1.775	2.142	2.612	3.159
11	125	1.209	1.475	1.841	2.268	2.752	3.367	4.098
12	140	1.538	1.856	2.305	2.841	3.458	4.219	5.142
13	160	1.947	2.423	3.026	3.726	4.537	5.530	6.704
14	180	2.455	3.067	3.845	4.682	5.691	6.996	8.452
15	200	3.049	3.758	4.707	5.800	7.029	8.608	10.425

WEIGHT PER METERWISE OF DIFFERENT SIZES OF HDPE PIPES AS PER IS: 4984/2016

Material Grade : PE 80

SL. NO.	PIPE DIAMETER (in mm)	Pressure Rating PN 2.5	Pressure Rating PN 3.2	Pressure Rating PN 4.0	Pressure Rating PN 5.0	Pressure Rating PN 6.0	Pressure Rating PN 8.0	Pressure Rating PN 10.0	Pressure Rating PN 12.5	Pressure Rating PN 16.0	Pressure Rating PN 20.0
		Weight PER METER (in Kgs.)	Weight PER METER (in Kgs.)	Weight PER METER (in Kgs.)	Weight PER METER (in Kgs.)	Weight PER METER (in Kgs.)	Weight PER METER (in Kgs.)	Weight PER METER (in Kgs.)	Weight PER METER (in Kgs.)	Weight PER METER (in Kgs.)	Weight PER METER (in Kgs.)
1	16								0.083	0.097	0.115
2	20							0.111	0.130	0.150	0.179
3	25						0.142	0.167	0.199	0.233	0.276
4	32					0.185	0.226	0.270	0.327	0.384	0.452
5	40				0.235	0.288	0.355	0.430	0.510	0.590	0.705
6	50			0.310	0.365	0.451	0.548	0.666	0.790	0.929	1.098
7	63			0.491	0.577	0.703	0.874	1.054	1.240	1.478	1.736
8	75	0.450	0.535	0.671	0.825	1.015	1.237	1.488	1.763	2.080	2.457
9	90	0.620	0.786	0.974	1.171	1.423	1.772	2.119	2.524	2.986	3.531
10	110	0.935	1.153	1.445	1.775	2.142	2.612	3.159	3.784	4.422	5.282
11	125	1.209	1.475	1.841	2.268	2.752	3.367	4.098	4.868	5.746	6.823
12	140	1.538	1.856	2.305	2.841	3.458	4.219	5.142	6.120	7.227	8.549
13	160	1.947	2.423	3.026	3.726	4.537	5.530	6.704	7.974	9.436	11.160
14	180	2.455	3.067	3.845	4.682	5.691	6.996	8.452	10.073	11.919	14.101
15	200	3.049	3.758	4.707	5.8	7.029	8.608	10.425	12.463	14.714	17.425

WEIGHT PER METERWISE OF DIFFERENT SIZES OF HDPE PIPES AS PER IS: 4984/2016

Material Grade : PE 100

SL.NO.	PIPE DIAMETER (in mm)	Pressure Rating PN 3.0	Pressure Rating PN 4.0	Pressure Rating PN 5.0	Pressure Rating PN 6.0	Pressure Rating PN 8.0	Pressure Rating PN 10.0	Pressure Rating PN 12.5	Pressure Rating PN 16.0	Pressure Rating PN 20.0
		Weight PER METER (in Kgs.)	Weight PER METER (in Kgs.)	Weight PER METER (in Kgs.)	Weight PER METER (in Kgs.)	Weight PER METER (in Kgs.)	Weight PER METER (in Kgs.)	Weight PER METER (in Kgs.)	Weight PER METER (in Kgs.)	Weight PER METER (in Kgs.)
1	16								0.083	0.097
2	20							0.111	0.130	0.150
3	25						0.142	0.167	0.199	0.233
4	32					0.185	0.226	0.270	0.327	0.384
5	40				0.235	0.288	0.355	0.430	0.510	0.590
6	50			0.310	0.365	0.451	0.548	0.666	0.790	0.929
7	63			0.491	0.577	0.703	0.874	1.054	1.240	1.478
8	75	0.450	0.535	0.671	0.825	1.015	1.237	1.488	1.763	2.080
9	90	0.620	0.786	0.974	1.172	1.423	1.772	2.119	2.524	2.986
10	110	0.935	1.153	1.373	1.775	2.142	2.612	3.159	3.784	4.458
11	125	1.209	1.475	1.841	2.268	2.752	3.367	4.098	4.868	5.746
12	140	1.538	1.855	2.305	2.841	3.458	4.219	5.142	6.120	7.227
13	160	1.947	2.423	3.026	3.726	4.537	5.530	6.704	7.974	9.436
14	180	2.455	3.067	3.845	4.682	5.691	6.996	8.452	10.073	11.919
15	200	3.049	3.758	4.707	5.8	7.029	8.608	10.425	12.463	14.714

DIMENSIONAL SHEET FOR HDPE PIPES AS PER IS 4984:2016

Grade of Material		SDR 41	SDR 33	SDR 26	SDR 21	SDR 17	SDR 13.6	SDR 11	SDR 9	SDR 7.4	SDR 6														
		NOMINAL PRESSURE (PN) bar																							
PE 63		PN 2.0	PN 2.5	PN 3.2	PN 4.0	PN 5.0	PN 6.0	PN 8.0																	
PE 80		PN 2.5	PN 3.2	PN 4.0	PN 5.0	PN 6.0	PN 8.0	PN 10.0	PN 12.5	PN 16.0	PN 20.0														
PE 100		PN 3.2	PN 4.0	PN 5.0	PN 6.0	PN 8.0	PN 10.0	PN 12.5	PN 16.0	PN 20.0															
Size	OD (mm)		Ovality (in mm)	W.T (in mm)		W.T (in mm)		W.T (in mm)		W.T (in mm)		W.T (in mm)		W.T (in mm)		W.T (in mm)									
	Min.	Max.		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.								
16	16.00	16.30	1.20											1.80	2.10	2.20	2.50	2.70	3.10						
20	20.00	20.30	1.20											1.90	2.20	2.30	2.60	2.70	3.10	3.40	3.80				
25	25.00	25.30	1.20											1.90	2.20	2.30	2.60	2.80	3.20	3.40	3.80	4.20	4.70		
32	32.00	32.30	1.30										1.90	2.20	2.40	2.70	2.90	3.30	3.60	4.10	4.40	4.90	5.40	6.00	
40	40.00	40.40	1.40									1.90	2.20	2.40	2.70	3.00	3.40	3.70	4.20	4.50	5.10	5.40	6.00	6.70	7.50
50	50.00	50.40	1.40					2.00	2.30	2.40	2.70	3.00	3.40	3.70	4.20	4.60	5.20	5.60	6.30	6.80	7.60	8.40	9.30		
63	63.00	63.40	1.50					2.50	2.90	3.00	3.40	3.70	4.20	4.70	5.30	5.80	6.50	7.00	7.80	8.60	9.60	10.50	11.70		
75	75.00	75.50	1.60	1.90	2.20	2.30	2.60	2.90	3.30	3.60	4.10	4.50	5.10	5.60	6.30	6.90	7.70	8.40	9.30	10.20	11.30	12.50	13.90		
90	90.00	90.60	1.80	2.20	2.50	2.80	3.20	3.50	4.00	4.30	4.80	5.30	5.90	6.70	7.50	8.20	9.10	10.00	11.10	12.20	13.50	15.00	16.60		
110	110.00	110.70	2.20	2.70	3.10	3.40	3.80	4.30	4.80	5.30	6.00	6.50	7.30	8.10	9.00	10.00	11.10	12.30	13.60	14.90	16.50	18.40	20.30		
125	125.00	125.80	2.50	3.10	3.50	3.80	4.30	4.80	5.40	6.00	6.70	7.40	8.20	9.20	10.20	11.40	12.70	13.90	15.40	16.90	18.70	20.90	23.10		
140	140.00	140.90	2.80	3.50	4.00	4.30	4.80	5.40	6.00	6.70	7.50	8.30	9.20	10.30	11.40	12.80	14.20	15.60	17.30	19.00	21.00	23.40	25.80		
160	160.00	161.00	3.20	3.90	4.40	4.90	5.50	6.20	6.90	7.70	8.60	9.50	10.60	11.80	13.10	14.60	16.20	17.80	19.70	21.70	24.00	26.70	29.50		
180	180.00	181.10	3.60	4.40	4.90	5.50	6.20	7.00	7.80	8.60	9.60	10.60	11.80	13.30	14.70	16.40	18.10	20.00	22.10	24.40	26.90	30.00	33.10		
200	200.00	201.20	4.00	4.90	5.50	6.10	6.80	7.70	8.60	9.60	10.70	11.80	13.10	14.70	16.30	18.20	20.10	22.30	24.60	27.10	29.90	33.40	36.80		



GLOBALJET

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Join us in shaping the future



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