

Our Product Range as per NS-40:2042 as per below mentioned chart

Wall Thickness and weight chart of PE-100 as per NS-40:2042

S I. N o	SIZE (Outer Diameter)	PN-6						PN-10						PN-12.5						PN-16					
		Wall thickness(mm)			Weight(Kg/mtr)			Wall thickness(mm)			Weight(Kg/mtr)			Wall thickness(mm)			Weight(Kg/mtr)			Wall thickness(mm)			Weight(Kg/mtr)		
		Min.	Max.	Avg.	Min.	Max.	Avg.	Min.	Max.	Avg.	Min.	Max.	Avg.	Min.	Max.	Avg.	Min.	Max.	Avg.	Min.	Max.	Avg.	Min.	Max.	Avg.
1	20.00-20.30																			2.30	2.80	2.55	0.123	0.146	0.135
2	25.00-25.30													2.30	2.80	2.55	0.158	0.188	0.173	2.90	3.40	3.15	0.194	0.222	0.208
3	32.00-32.30							2.40	2.90	2.65	0.214	0.255	0.235	2.90	3.40	3.15	0.255	0.294	0.274	3.70	4.30	4.00	0.316	0.360	0.338
4	40.00-40.40							3.00	3.50	3.25	0.335	0.385	0.360	3.70	4.30	4.00	0.405	0.463	0.434	4.60	5.30	4.95	0.491	0.555	0.523
5	50.00-50.50	2.30	2.80	2.55	0.330	0.398	0.364	3.70	4.30	4.00	0.516	0.592	0.554	4.60	5.30	4.95	0.629	0.714	0.671	5.70	6.50	6.10	0.761	0.852	0.806
6	63.00-63.60	2.90	3.40	3.15	0.524	0.610	0.567	4.70	5.40	5.05	0.824	0.936	0.880	5.70	6.50	6.10	0.983	1.105	1.044	7.10	8.10	7.60	1.194	1.338	1.266
7	75.00-75.70	3.50	4.10	3.80	0.753	0.874	0.814	5.60	6.40	6.00	1.169	1.320	1.245	6.80	7.70	7.25	1.395	1.559	1.477	8.50	9.60	9.05	1.700	1.888	1.794
8	90.00-90.90	4.10	4.80	4.45	1.059	1.229	1.144	6.70	7.60	7.15	1.678	1.882	1.780	8.20	9.30	8.75	2.016	2.256	2.136	10.20	11.50	10.85	2.447	2.714	2.580

9	110.00-111.00	5.00	5.70	5.35	1.577	1.786	1.682	8.10	9.20	8.65	2.480	2.786	2.633	10.00	11.20	10.60	3.005	3.325	3.165	12.40	13.90	13.15	3.637	4.014	3.825
10	125.00-126.20	5.70	6.50	6.10	2.043	2.314	2.179	9.20	10.40	9.80	3.200	3.580	3.390	11.30	12.70	12.00	3.860	4.284	4.072	14.10	15.80	14.95	4.697	5.183	4.940
11	140.00-141.30	6.40	7.30	6.85	2.568	2.909	2.739	10.30	11.60	10.95	4.012	4.473	4.243	12.70	14.20	13.45	4.856	5.365	5.110	15.80	17.60	16.70	5.894	6.470	6.182
12	160.00-161.50	7.30	8.30	7.80	3.347	3.781	3.565	11.80	13.20	12.50	5.251	5.819	5.535	14.50	16.20	15.35	6.335	6.995	6.665	18.10	20.20	19.15	7.713	8.480	8.097
13	180.00-181.70	8.20	9.30	8.75	4.229	4.766	4.499	13.30	14.90	14.10	6.656	7.386	7.021	16.30	18.20	17.25	8.011	8.841	8.426	20.30	22.60	21.45	9.734	10.681	10.207
14	200.00-201.80	9.10	10.30	9.70	5.215	5.865	5.541	14.80	16.50	15.65	8.228	9.089	8.659	18.10	20.20	19.15	9.884	10.903	10.394	22.60	25.10	23.85	12.036	13.179	12.608
15	225.00-227.00	10.30	11.60	10.95	6.638	7.430	7.035	16.60	18.50	17.55	10.384	11.467	10.925	20.40	22.70	21.55	12.528	13.784	13.156	25.40	28.20	26.80	15.218	16.659	15.939
16	250.00-252.30	11.40	12.80	12.10	8.163	9.112	8.639	18.40	20.50	19.45	12.790	14.120	13.455	22.60	25.10	23.85	15.425	16.943	16.184	28.20	31.30	29.75	18.773	20.546	19.659
17	280.00-282.60	12.80	14.30	13.55	10.264	11.442	10.835	20.60	22.90	21.75	16.036	17.669	16.853	25.30	28.10	26.70	19.339	21.243	20.291	31.60	35.00	33.30	23.557	25.735	24.646
20	355.00-358.20	16.20	18.10	17.15	16.468	18.297	17.385	26.20	29.10	27.65	25.848	28.456	27.152	32.10	35.60	33.85	31.101	34.118	32.610	40.00	44.20	42.10	37.808	41.221	39.514
21	400.00-403.60	18.20	21.20	19.70	20.848	24.094	22.478	29.50	34.20	31.85	32.793	37.535	35.164	36.20	41.90	39.05	39.513	45.019	42.266	45.10	52.10	48.60	48.024	54.384	51.204

## Jagadamba Plastic Industries pvt. Ltd-HDPE Pipe Product Specification

- Our Product Range as per IS-4984:2016 as per below mentioned chart

### Wall Thickness and weight chart of PE-100 as per IS 4984:2016

S l. N o	SIZE (Outer Diameter)	PN-3 (SDR-41)						PN-4(SDR-33)						PN-5(SDR-26)						PN-6(SDR-21)					
		Wall thickness(mm)			Weight(Kg/m tr)			Wall thickness(mm)			Weight(Kg/m tr)			Wall thickness(mm)			Weight(Kg/m tr)			Wall thickness(mm)			Weight(Kg/m tr)		
		Min.	Max.	Avg.	Min.	Max.	Avg.	Min.	Max.	Avg.	Min.	Max.	Avg.	Min.	Max.	Avg.	Min.	Max.	Avg.	Min.	Max.	Avg.	Min.	Max.	Avg.
1	16.00-16.30																								
2	20.00-20.30																								
3	25.00-25.30																								
4	32.00-32.30																								
5	40.00-40.40																			1.90	2.20	2.05	0.218	0.251	0.234
6	50.00-50.40													2.00	2.30	2.15	0.289	0.330	0.310	2.40	2.70	2.55	0.344	0.385	0.364

7	63.0 0- 63.4 0													2. 50	2. 90	2. 70	0.4 55	0.5 24	0.4 90	3. 00	3. 40	3. 20	0.5 42	0.6 10	0.5 76
8	75.0 0- 75.5 0	1. 90	2. 20	2. 05	0.4 18	0.4 82	0.4 50	2. 30	2. 60	2. 45	0.5 03	0.5 66	0.5 34	2. 90	3. 30	3. 10	0.6 29	0.7 12	0.6 70	3. 60	4. 10	3. 85	0.7 73	0.8 74	0.8 24
9	90.0 0- 90.6 0	2. 20	2. 50	2. 35	0.5 81	0.6 57	0.6 19	2. 80	3. 20	3. 00	0.7 34	0.8 35	0.7 84	3. 50	4. 00	3. 75	0.9 10	1.0 34	0.9 72	4. 30	4. 80	4. 55	1.1 08	1.2 29	1.1 68
10	110. 00- 110. 70	2. 70	3. 10	2. 90	0.8 70	0.9 96	0.9 33	3. 40	3. 80	3. 60	1.0 89	1.2 12	1.1 51	4. 30	4. 80	4. 55	1.3 66	1.5 17	1.4 41	5. 90	6. 60	6. 25	1.8 45	2.0 50	1.9 48
11	125. 00- 125. 80	3. 10	3. 50	3. 30	1.1 35	1.2 77	1.2 06	3. 80	4. 30	4. 05	1.3 83	1.5 59	1.4 71	4. 80	5. 40	5. 10	1.7 33	1.9 40	1.8 36	6. 00	6. 70	6. 35	2.1 45	2.3 81	2.2 63
12	140. 00- 140. 90	3. 50	4. 00	3. 75	1.4 35	1.6 34	1.5 34	4. 30	4. 80	4. 55	1.7 52	1.9 49	1.8 51	5. 40	6. 00	5. 70	2.1 83	2.4 15	2.2 99	6. 70	7. 50	7. 10	2.6 82	2.9 84	2.8 33
13	160. 00- 161. 0	3. 90	4. 40	4. 15	1.8 28	2.0 56	1.9 42	4. 90	5. 50	5. 20	2.2 82	2.5 51	2.4 17	6. 20	6. 90	6. 55	2.8 63	3.1 72	3.0 18	7. 70	8. 60	8. 15	3.5 21	3.9 10	3.7 15
14	180. 00- 181. 1	4. 40	4. 90	4. 65	2.3 20	2.5 76	2.4 48	5. 50	6. 20	5. 85	2.8 81	3.2 35	3.0 58	7. 00	7. 80	7. 40	3.6 36	4.0 32	3.8 34	8. 60	9. 60	9. 10	4.4 25	4.9 11	4.6 68
15	200. 00- 201. 2	4. 90	5. 50	5. 20	2.8 70	3.2 11	3.0 40	6. 10	6. 80	6. 45	3.5 50	3.9 44	3.7 47	7. 70	8. 60	8. 15	4.4 45	4.9 41	4.6 93	9. 60	10 .7 0	10 .1 5	5.4 87	6.0 80	5.7 84
16	225. 00- 226. 40	5. 50	6. 20	5. 85	3.6 23	4.0 72	3.8 48	6. 90	7. 70	7. 30	4.5 17	5.0 22	4.7 69	8. 70	9. 70	9. 20	5.6 48	6.2 68	5.9 58	10 .8 0	12 .0 0	11 .4 0	6.9 44	7.6 72	7.3 08
17	250. 00- 251. 50	6. 10	6. 80	6. 45	4.4 65	4.9 63	4.7 14	7. 60	8. 50	8. 05	5.5 29	6.1 61	5.8 45	9. 70	10 .8 0	10 .2 5	6.9 96	7.7 53	7.3 74	12 .0 0	13 .3 0	12 .6 5	8.5 71	9.4 48	9.0 10

18	280.00-281.70	6.90	7.70	7.30	5.655	6.292	5.973	8.50	9.50	9.00	6.925	7.712	7.318	10.80	12.00	11.40	8.725	9.651	9.188	13.40	14.80	14.10	10.721	11.779	11.250
19	315.00-316.9	7.70	8.60	8.15	7.100	7.907	7.504	9.60	10.70	10.15	8.797	9.770	9.284	12.20	13.50	12.85	11.085	12.214	11.649	15.00	16.60	15.80	13.503	14.864	14.183
20	355.00-357.2	8.70	9.70	9.20	9.040	10.050	9.545	10.80	12.00	11.40	11.154	12.350	11.752	13.70	15.20	14.45	14.030	15.497	14.763	16.90	18.70	17.80	17.144	18.869	18.007
21	400.00-402.4	9.80	10.90	10.35	11.473	12.725	12.099	12.20	13.50	12.85	14.195	15.655	14.925	15.40	17.00	16.20	17.770	19.535	18.652	19.10	21.10	20.10	21.828	23.987	22.907
22	SIZE (Outer Diameter)	PN-8(SDR-17)						PN-10(SDR-13.6)						PN-12.5(SDR-11)						PN-16(SDR-9)					
23		Wall thickness(mm)			Weight(Kg/mtr)			Wall thickness(mm)			Weight(Kg/mtr)			Wall thickness(mm)			Weight(Kg/mtr)			Wall thickness(mm)			Weight(Kg/mtr)		
24		Mi n.	M ax.	Av g.	Mi n.	Ma x.	Av g.	Mi n.	M ax.	Av g.	Mi n.	Ma x.	Av g.	Mi n.	M ax.	Av g.	Mi n.	Ma x.	Av g.	Mi n.	M ax.	Av g.	Mi n.	Ma x.	Av g.
25	16.00-16.30																			1.80	2.10	1.95	0.078	0.089	0.083
26	20.00-20.30													1.90	2.20	2.05	0.104	0.119	0.112	2.30	2.60	2.45	0.123	0.137	0.130
27	25.00-25.30							1.90	2.20	2.05	0.133	0.152	0.142	2.30	2.60	2.45	0.158	0.176	0.167	2.80	3.20	3.00	0.188	0.211	0.200
28	32.00-32.30	1.90	2.20	2.05	0.173	0.198	0.185	2.40	2.70	2.55	0.214	0.239	0.227	2.90	3.30	3.10	0.255	0.286	0.270	3.60	4.10	3.85	0.309	0.345	0.327

29	40.00-40.40	2.40	2.70	2.55	0.272	0.304	0.288	3.00	3.40	3.20	0.335	0.375	0.355	3.70	4.20	3.95	0.405	0.453	0.429	4.50	5.10	4.80	0.482	0.537	0.509
30	50.00-50.40	3.00	3.40	3.20	0.425	0.477	0.451	3.70	4.20	3.95	0.516	0.579	0.548	4.60	5.20	4.90	0.629	0.702	0.665	5.60	6.30	5.95	0.749	0.829	0.789
31	63.00-63.40	3.70	4.20	3.95	0.660	0.743	0.702	4.70	5.30	5.00	0.824	0.920	0.872	5.80	6.50	6.15	0.998	1.105	1.052	7.00	7.80	7.40	1.180	1.296	1.238
32	75.00-75.50	4.50	5.10	4.80	0.954	1.072	1.013	5.60	6.30	5.95	1.169	1.302	1.235	6.90	7.70	7.30	1.413	1.559	1.486	8.40	9.30	8.85	1.683	1.838	1.760
33	90.00-90.60	5.30	5.90	5.60	1.349	1.491	1.420	6.70	7.50	7.10	1.678	1.860	1.769	8.20	9.10	8.65	2.016	2.213	2.115	10.00	11.10	10.55	2.405	2.633	2.519
34	110.00-110.70	6.50	7.30	6.90	2.021	2.253	2.137	8.10	9.00	8.55	2.480	2.731	2.606	10.00	11.10	10.55	3.005	3.299	3.152	12.30	13.60	12.95	3.611	3.940	3.775
35	125.00-125.80	7.40	8.20	7.80	2.614	2.877	2.745	9.20	10.20	9.70	3.200	3.517	3.359	11.40	12.70	12.05	3.890	4.284	4.087	13.90	15.40	14.65	4.639	5.071	4.855
36	140.00-140.90	8.30	9.20	8.75	3.283	3.614	3.448	10.30	11.40	10.85	4.012	4.403	4.208	12.80	14.20	13.50	4.890	5.365	5.128	15.60	17.30	16.45	5.829	6.376	6.102
37	160.00-161.00	9.50	10.60	10.05	4.293	4.755	4.524	11.80	13.10	12.45	5.251	5.779	5.515	14.60	16.20	15.40	6.375	6.995	6.685	17.80	19.70	18.75	7.601	8.300	7.950
38	180.00-181.10	10.60	11.80	11.00	5.391	5.959	5.675	13.30	14.70	14.00	6.656	7.295	6.976	16.40	18.10	17.25	8.055	8.798	8.427	20.00	22.10	21.05	9.608	10.477	10.043
39	200.00-201.20	11.80	13.10	12.45	6.666	7.350	7.008	14.70	16.30	15.50	8.177	8.989	8.583	18.20	20.10	19.15	9.933	10.855	10.394	22.30	24.60	23.45	11.896	12.954	12.425

4 0	225. 00- 226. 40	13 .3 0	14 .7 0	14 .0 0	8.4 51	9.2 79	8.8 65	16 .6 0	18 .4 0	17 .5 0	10. 38 4	11. 41 0	10. 89 7	20 .5 0	22 .7 0	21 .6 0	12. 58 4	13. 78 4	13. 18 4	25 .0 0	27 .6 0	26 .3 0	15. 00 8	16. 35 4	15. 68 1
4 1	250. 00- 251. 50	14 .7 0	16 .3 0	15 .5 0	10. 38 1	11. 43 3	10. 90 7	18 .4 0	20 .3 0	19 .3 5	12. 79 0	13. 99 5	13. 39 2	22 .8 0	25 .2 0	24 .0 0	15. 54 7	17. 00 3	16. 27 5	27 .8 0	30 .7 0	29 .2 5	18. 54 0	20. 20 7	19. 37 4
4 2	280. 00- 281. 70	16 .5 0	18 .3 0	17 .4 0	13. 04 7	14. 37 2	13. 71 0	20 .6 0	22 .8 0	21 .7 0	16. 03 6	17. 59 9	16. 81 7	25 .5 0	28 .2 0	26 .8 5	19. 47 6	21. 31 0	20. 39 3	31 .2 0	34 .4 0	32 .8 0	23. 29 6	25. 35 6	24. 32 6
4 3	315. 00- 316. 9	18 .6 0	20 .6 0	19 .6 0	16. 54 3	18. 19 8	17. 37 1	23 .2 0	25 .6 0	24 .4 0	20. 31 4	22. 23 2	21. 27 3	28 .7 0	31 .7 0	30 .2 0	24. 65 7	26. 94 9	25. 80 3	35 .0 0	38 .6 0	36 .8 0	29. 40 8	32. 01 6	30. 71 2
4 4	355. 00- 357. 2	20 .9 0	23 .1 0	22 .0 0	20. 95 2	23. 00 5	21. 97 8	26 .1 0	28 .8 0	27 .4 5	25. 75 7	28. 18 9	26. 97 3	32 .3 0	35 .6 0	33 .9 5	31. 27 5	34. 11 8	32. 69 7	39 .5 0	43 .6 0	41 .5 5	37. 39 4	40. 74 0	39. 06 7
4 5	400. 00- 402. 4	23 .6 0	26 .1 0	24 .8 5	26. 65 2	29. 27 9	27. 96 6	29 .5 0	32 .6 0	31 .0 5	32. 79 3	35. 93 6	34. 36 4	36 .4 0	40 .1 0	38 .2 5	39. 71 0	43. 30 1	41. 50 6	44 .5 0	49 .1 0	46 .8 0	47. 46 5	51. 69 5	49. 58 0