

HDPE PIPE SPECIFICATION AS PER IS 4984:2016



| PIPE SERIES | | | | | | | | | | | |
|---|---------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | | SDR 41 | SDR 33 | SDR 26 | SDR 21 | SDR 17 | SDR 13.6 | SDR 11 | SDR 9 | SDR 7.4 | SDR 6 |
| MATERIAL GRADE PE-80 | | | | | | | | | | | |
| SIZE (INCH) | OD (mm) | PN 2.5 | PN 3.2 | PN 4 | PN 5 | PN 6 | PN 8 | PN 10 | PN 12.5 | PN 16 | PN 20 |
| | | <u>THICKNESS</u> | <u>THICKNESS</u> | <u>THICKNESS</u> | <u>THICKNESS</u> | <u>THICKNESS</u> | <u>THICKNESS</u> | <u>THICKNESS</u> | <u>THICKNESS</u> | <u>THICKNESS</u> | <u>THICKNESS</u> |
| | | AVG.WT | AVG.WT | AVG.WT | AVG.WT | AVG.WT | AVG.WT | AVG.WT | AVG.WT | AVG.WT | AVG.WT |
| 1 | 32 | | | | | 1.9-2.2 | 2.4-2.7 | 2.9-3.3 | 3.6-4.1 | 4.4-4.9 | 5.4-6.0 |
| | | | | | | 0.190 | 0.230 | 0.280 | 0.330 | 0.388 | 0.455 |
| 1I | 40 | | | | 1.9-2.2 | 2.4-2.7 | 3.0-3.4 | 3.7-4.2 | 4.5-5.1 | 5.4-6.0 | 6.7-7.5 |
| | | | | | 0.245 | 0.300 | 0.360 | 0.430 | 0.510 | 0.600 | 0.700 |
| 1II | 50 | | | 2.0-2.3 | 2.4-2.7 | 3.0-3.4 | 3.7-4.2 | 4.6-5.2 | 5.6-6.3 | 6.8-7.6 | 8.4-9.3 |
| | | | | 0.310 | 0.370 | 0.450 | 0.550 | 0.670 | 0.790 | 0.94 | 1.100 |
| 2 | 63 | | | 2.5-2.9 | 3.0-3.4 | 3.7-4.2 | 4.7-5.3 | 5.8-6.5 | 7.0-7.8 | 8.6-9.6 | 10.5-11.7 |
| | | | | 0.490 | 0.580 | 0.720 | 0.875 | 1.055 | 1.260 | 1.480 | 1.740 |
| 2II | 75 | 1.9-2.2 | 2.3-2.6 | 2.9-3.3 | 3.6-4.1 | 4.5-5.1 | 5.6-6.3 | 6.9-7.7 | 8.4-9.3 | 10.2-11.3 | 12.5-13.9 |
| | | 0.475 | 0.555 | 0.670 | 0.825 | 1.020 | 1.240 | 1.480 | 1.775 | 2.110 | 2.465 |
| 3 | 90 | 2.2-2.5 | 2.8-3.2 | 3.5-4.0 | 4.3-4.8 | 5.3-5.9 | 6.7-7.5 | 8.2-9.1 | 10.0-11.1 | 12.2-13.5 | 15.0-16.6 |
| | | 0.625 | 0.795 | 0.980 | 1.186 | 1.450 | 1.780 | 2.135 | 2.560 | 3.000 | 3.550 |
| 4 | 110 | 2.7-3.1 | 3.4-3.8 | 4.3-4.8 | 5.9-6.6 | 6.6-7.3 | 8.1-9.0 | 10.0-11.1 | 12.3-13.6 | 14.9-16.5 | 18.4-20.3 |
| | | 0.935 | 1.170 | 1.435 | 1.835 | 2.175 | 2.632 | 3.170 | 3.800 | 4.500 | 5.290 |
| Note : All Dimensions are in mm ; Pressure Rating in : Kg/cm ² | | | | | | | | | | | |
| www.jkpipes.in | | | | | | | | | | | |