

DIMENSION CHART FOR HDPE PIPES AS PER IS 14333:1996 FOR PE 100 GRADE OF MATERIAL

| Nominal Diameter in mm | Outside Diameter in mm | | PN 6 | | PN 8 | | PN 10 | | PN 12.5 | | PN 16 | |
|------------------------|------------------------|-------|-----------------|------|-----------------|------|-----------------|------|-----------------|------|-----------------|------|
| | | | Thickness in mm | | Thickness in mm | | Thickness in mm | | Thickness in mm | | Thickness in mm | |
| | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max |
| 63 | 63 | 63.6 | 3.6 | 4.2 | 4.7 | 5.4 | 5.8 | 6.6 | 7.0 | 7.9 | 8.7 | 9.8 |
| 75 | 75 | 75.7 | 4.3 | 5.0 | 5.6 | 6.4 | 6.9 | 7.8 | 8.4 | 9.5 | 10.4 | 11.7 |
| 90 | 90 | 90.9 | 5.1 | 5.9 | 6.7 | 7.6 | 8.2 | 9.3 | 10.0 | 11.2 | 12.5 | 14.0 |
| 110 | 110 | 111 | 6.3 | 7.2 | 8.2 | 9.3 | 10.0 | 11.2 | 12.3 | 13.8 | 15.2 | 17.0 |
| 125 | 125 | 126.2 | 7.1 | 8.1 | 9.3 | 10.5 | 11.4 | 12.8 | 13.9 | 15.5 | 17.3 | 19.3 |
| 140 | 140 | 141.3 | 8.0 | 9.0 | 10.4 | 11.7 | 12.8 | 14.3 | 15.6 | 17.4 | 19.4 | 21.6 |
| 160 | 160 | 161.5 | 9.1 | 10.3 | 11.9 | 13.3 | 14.6 | 16.3 | 17.8 | 19.8 | 22.1 | 24.6 |
| 180 | 180 | 181.7 | 10.2 | 11.5 | 13.4 | 15.0 | 16.4 | 18.3 | 20.0 | 22.2 | 24.9 | 27.6 |
| 200 | 200 | 201.8 | 11.4 | 12.8 | 14.9 | 16.6 | 18.2 | 20.3 | 22.3 | 24.8 | 27.6 | 30.6 |
| 225 | 225 | 227.1 | 12.8 | 14.3 | 16.7 | 18.6 | 20.5 | 22.8 | 25.0 | 27.7 | 31.1 | 34.5 |
| 250 | 250 | 252.3 | 14.2 | 15.9 | 18.6 | 20.7 | 22.8 | 25.3 | 27.8 | 30.8 | 34.5 | 38.2 |
| 280 | 280 | 282.6 | 15.9 | 17.7 | 20.8 | 23.1 | 25.2 | 28.3 | 31.2 | 34.6 | 38.7 | 42.8 |
| 315 | 315 | 317.9 | 17.9 | 19.9 | 23.4 | 26.0 | 28.7 | 31.8 | 35.0 | 38.7 | 43.5 | 48.1 |
| 355 | 355 | 358.2 | 20.1 | 22.4 | 26.3 | 29.2 | 32.3 | 35.8 | 39.5 | 43.7 | 49.0 | 54.1 |
| 400 | 400 | 403.6 | 22.7 | 26.4 | 29.7 | 34.4 | 36.4 | 42.1 | 44.5 | 51.4 | 55.2 | 63.7 |
| 450 | 450 | 454.1 | 25.5 | 29.6 | 33.4 | 38.7 | 41.0 | 47.4 | 50.0 | 57.7 | | |
| 500 | 500 | 504.5 | 28.4 | 32.9 | 37.1 | 42.9 | 45.5 | 52.6 | 55.6 | 64.2 | | |
| 560 | 560 | 565.0 | 31.7 | 36.7 | 41.5 | 48.0 | 51.0 | 58.9 | | | | |
| 630 | 630 | 635.7 | 41.3 | 46.7 | 54.0 | 57.3 | 66.1 | | | | | |