

TABLE 6.2

POLLplex — Series 1 — Pressure pipe dimensions for water & air

STANDARD PE 80C, BLUE LINE 80B, ALL BLUE PE 80B, & ONE HUNDRED PE 100 to AS/NZS 4130

| SDR | 41 | | 33 | | 26 | | 21 | | 17 | | 13.6 | | 11 | | 9 | | SDR | | |
|-----|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|-----------|---------------|
| | 3.2 | | 4 | | 6.3 | | 8 | | 10 | | 12.5 | | 16 | | 20 | | PN for PE 80 | | |
| | Min. Wall | Ave. Mass | Min. Wall | Ave. Mass | Min. Wall | Ave. Mass | Min. Wall | Ave. Mass | Min. Wall | Ave. Mass | Min. Wall | Ave. Mass | Min. Wall | Ave. Mass | Min. Wall | Ave. Mass | Min. Wall | Ave. Mass | PN for PE 100 |
| 16 | 1.6 | 12.7 | 0.075 | 1.6 | 12.7 | 0.075 | 1.6 | 12.7 | 0.075 | 1.6 | 12.7 | 0.075 | 1.6 | 12.7 | 0.075 | 1.8 | 12.3 | 0.082 | 16 |
| 20 | 1.6 | 16.7 | 0.10 | 1.6 | 16.7 | 0.10 | 1.6 | 16.7 | 0.10 | 1.6 | 16.7 | 0.10 | 1.6 | 16.7 | 0.10 | 1.9 | 15.2 | 0.13 | 20 |
| 25 | 1.6 | 21.7 | 0.12 | 1.6 | 21.7 | 0.12 | 1.6 | 21.7 | 0.12 | 1.6 | 21.1 | 0.14 | 1.9 | 20.2 | 0.17 | 2.3 | 19.2 | 0.20 | 25 |
| 32 | 1.6 | 28.7 | 0.16 | 1.6 | 28.7 | 0.16 | 1.6 | 28.7 | 0.16 | 1.9 | 27.0 | 0.23 | 2.4 | 26.0 | 0.27 | 2.9 | 24.5 | 0.32 | 32 |
| 40 | 1.6 | 36.7 | 0.20 | 1.6 | 36.7 | 0.20 | 1.9 | 36.1 | 0.23 | 2.4 | 33.8 | 0.35 | 3.0 | 32.3 | 0.42 | 3.7 | 30.6 | 0.50 | 40 |
| 50 | 1.6 | 46.7 | 0.25 | 1.6 | 46.7 | 0.25 | 2.0 | 45.0 | 0.37 | 3.0 | 42.3 | 0.54 | 3.7 | 40.4 | 0.66 | 4.6 | 38.3 | 0.78 | 50 |
| 63 | 1.6 | 59.7 | 0.32 | 2.0 | 59.0 | 0.38 | 2.4 | 58.0 | 0.47 | 3.0 | 53.2 | 0.86 | 4.7 | 50.9 | 1.04 | 5.8 | 48.1 | 1.25 | 63 |
| 75 | 1.9 | 71.2 | 0.45 | 2.3 | 70.3 | 0.54 | 2.9 | 69.1 | 0.67 | 3.6 | 63.6 | 1.20 | 4.5 | 60.9 | 1.45 | 6.8 | 57.5 | 1.75 | 75 |
| 90 | 2.2 | 85.5 | 0.63 | 2.8 | 84.3 | 0.78 | 3.5 | 82.8 | 0.97 | 4.3 | 76.3 | 1.73 | 5.4 | 72.9 | 2.10 | 8.2 | 68.6 | 2.55 | 90 |
| 110 | 2.7 | 104.6 | 0.92 | 3.4 | 103.1 | 1.15 | 4.3 | 101.2 | 1.46 | 5.3 | 93.2 | 2.59 | 6.6 | 89.3 | 3.12 | 10.0 | 84.4 | 3.75 | 110 |
| 125 | 3.1 | 118.9 | 1.20 | 3.9 | 117.2 | 1.49 | 4.8 | 115.3 | 1.84 | 6.0 | 106.0 | 3.34 | 7.4 | 101.4 | 4.05 | 11.4 | 96.0 | 4.84 | 125 |
| 140 | 3.5 | 133.1 | 1.58 | 4.3 | 131.4 | 1.85 | 5.4 | 129.1 | 2.33 | 6.7 | 118.8 | 4.19 | 8.3 | 113.8 | 5.05 | 12.7 | 107.5 | 6.08 | 140 |
| 160 | 4.0 | 152.2 | 1.97 | 4.9 | 150.1 | 2.44 | 6.2 | 147.5 | 3.05 | 7.7 | 135.8 | 5.47 | 9.5 | 129.9 | 6.63 | 14.6 | 123.0 | 7.92 | 160 |
| 180 | 4.4 | 171.4 | 2.45 | 5.6 | 169.0 | 3.06 | 6.9 | 166.2 | 3.80 | 8.6 | 152.7 | 6.94 | 10.7 | 146.2 | 8.38 | 16.4 | 138.4 | 10.02 | 180 |
| 200 | 4.9 | 190.4 | 3.01 | 6.2 | 187.7 | 3.77 | 7.7 | 184.5 | 4.71 | 9.6 | 169.8 | 8.51 | 11.9 | 162.4 | 10.33 | 18.2 | 153.6 | 12.39 | 200 |
| 225 | 5.5 | 214.2 | 3.81 | 6.9 | 211.1 | 4.79 | 8.6 | 207.7 | 5.92 | 10.8 | 190.9 | 10.80 | 13.4 | 182.7 | 13.07 | 20.5 | 173.0 | 15.63 | 225 |
| 250 | 6.2 | 237.8 | 4.78 | 7.7 | 234.6 | 5.90 | 9.6 | 230.7 | 7.33 | 11.9 | 225.9 | 13.31 | 14.8 | 203.2 | 16.08 | 22.7 | 192.3 | 19.27 | 250 |
| 280 | 6.9 | 266.6 | 5.92 | 8.6 | 262.8 | 7.41 | 10.7 | 258.6 | 9.15 | 13.4 | 252.9 | 16.68 | 16.6 | 246.2 | 20.16 | 25.4 | 215.3 | 24.23 | 280 |
| 315 | 7.7 | 300.0 | 7.44 | 9.7 | 295.7 | 9.34 | 12.1 | 290.7 | 11.66 | 15.0 | 284.7 | 14.07 | 18.7 | 276.9 | 21.14 | 28.6 | 242.2 | 30.65 | 315 |
| 355 | 8.7 | 338.1 | 9.46 | 10.9 | 333.3 | 11.85 | 13.6 | 327.8 | 14.73 | 16.9 | 320.9 | 17.86 | 21.1 | 312.0 | 22.03 | 32.2 | 273.2 | 38.84 | 355 |
| 400 | 9.8 | 380.9 | 12.00 | 12.3 | 375.5 | 15.02 | 15.3 | 369.3 | 18.68 | 19.1 | 361.3 | 22.77 | 23.7 | 351.7 | 27.84 | 36.3 | 307.6 | 49.37 | 400 |
| 450 | 11.0 | 428.6 | 15.13 | 13.8 | 422.4 | 19.04 | 17.2 | 415.5 | 23.61 | 21.5 | 406.5 | 28.80 | 26.7 | 395.6 | 35.27 | 40.9 | 346.0 | 62.51 | 450 |
| 500 | 12.3 | 476.0 | 18.83 | 15.3 | 469.3 | 23.52 | 19.1 | 461.7 | 29.13 | 23.9 | 451.7 | 35.53 | 29.6 | 439.7 | 43.45 | 45.4 | 406.5 | 80.50 | 500 |
| 560 | 13.7 | 533.4 | 23.45 | 17.2 | 525.7 | 29.49 | 21.4 | 517.2 | 36.51 | 26.7 | 506.1 | 44.47 | 33.2 | 492.4 | 54.60 | 41.2 | 455.5 | 102.00 | 560 |
| 630 | 15.4 | 600.1 | 29.67 | 19.3 | 591.5 | 37.26 | 24.1 | 581.8 | 46.27 | 30.0 | 569.5 | 56.17 | 37.2 | 554.1 | 68.99 | 46.3 | 512.3 | 160.00 | 630 |
| 710 | 17.4 | 676.3 | 37.65 | 21.8 | 666.6 | 47.30 | 27.2 | 655.6 | 58.81 | 33.9 | 641.6 | 71.52 | 42.1 | 624.3 | 87.74 | 52.2 | 603.1 | 200.00 | 710 |
| 800 | 19.6 | 761.9 | 47.87 | 24.5 | 751.0 | 60.09 | 30.6 | 738.8 | 74.48 | 38.1 | 723.0 | 90.65 | 47.4 | 703.2 | 111.57 | 57.2 | 603.1 | 250.00 | 800 |

Note:

- 1.) All dimensions are in millimetres, and mass in kg/m.
- 2.) PE 63 is not part of the POLLplex range.
- 3.) Nominal Diameter (DN) equals outside diameter.
- 4.) These dimensions also apply to THERMAPIPE

