



**ACP**

AUSTRALIAN CUSTOM PIPES

PLASTIC PIPE • FABRICATION • MOULDING SPECIALIST

**PE100 Series 1 AS/NZS4130 Pipe**

**DESCRIPTION:** PE100 Series 1 AS/NZS4130 Polyethylene Pipe

**COLOUR:** Standard Black  
or with Stripes or Jacket as agreed with customer

**PIPE DIMENSIONS:**

| Nominal Outside Diameter (DN) | Mean Outside Diameter (Dm) |       | Ovality | SDR41 (PN4)        |      |                          | SDR26 (PN6.3)      |      |                          | SDR21 (PN8)        |      |                          |
|-------------------------------|----------------------------|-------|---------|--------------------|------|--------------------------|--------------------|------|--------------------------|--------------------|------|--------------------------|
|                               |                            |       |         | Wall Thickness (T) |      | Nominal Weight (kg/100m) | Wall Thickness (T) |      | Nominal Weight (kg/100m) | Wall Thickness (T) |      | Nominal Weight (kg/100m) |
|                               |                            |       |         | Min                | Max  |                          | Max                | Min  |                          | Max                | Min  |                          |
| 16                            | 16.0                       | 16.3  | 1.2     | -                  | -    | -                        | -                  | -    | -                        | -                  | -    | -                        |
| 20                            | 20.0                       | 20.3  | 1.2     | -                  | -    | -                        | -                  | -    | -                        | -                  | -    | -                        |
| 25                            | 25.0                       | 25.3  | 1.2     | -                  | -    | -                        | -                  | -    | -                        | -                  | -    | -                        |
| 32                            | 32.0                       | 32.3  | 1.3     | -                  | -    | -                        | -                  | -    | -                        | 1.6                | 1.9  | 16.0                     |
| 40                            | 40.0                       | 40.4  | 1.4     | -                  | -    | -                        | -                  | -    | -                        | 1.9                | 2.2  | 23.6                     |
| 50                            | 50.0                       | 50.5  | 1.4     | -                  | -    | -                        | -                  | -    | -                        | 2.4                | 2.8  | 37.4                     |
| 63                            | 63.0                       | 63.6  | 1.5     | -                  | -    | -                        | 2.4                | 2.8  | 47.6                     | 3.0                | 3.4  | 58.0                     |
| 75                            | 75.0                       | 75.7  | 1.6     | -                  | -    | -                        | 2.9                | 3.3  | 67.5                     | 3.6                | 4.1  | 83.0                     |
| 90                            | 90.0                       | 90.9  | 1.8     | -                  | -    | -                        | 3.5                | 4.0  | 98.1                     | 4.3                | 4.9  | 119.1                    |
| 110                           | 110.0                      | 111.0 | 2.2     | 2.7                | 3.1  | 94.1                     | 4.3                | 4.9  | 146.9                    | 5.3                | 6.0  | 178.7                    |
| 125                           | 125.0                      | 126.2 | 2.5     | 3.1                | 3.6  | 123.5                    | 4.8                | 5.4  | 185.3                    | 6.0                | 6.7  | 228.4                    |
| 140                           | 140.0                      | 141.3 | 2.8     | 3.5                | 4.0  | 154.8                    | 5.4                | 6.1  | 233.9                    | 6.7                | 7.5  | 286.0                    |
| 160                           | 160.0                      | 161.5 | 3.2     | 4.0                | 4.5  | 200.6                    | 6.2                | 7.0  | 306.8                    | 7.7                | 8.6  | 375.1                    |
| 180                           | 180.0                      | 181.7 | 3.6     | 4.4                | 5.0  | 249.7                    | 6.9                | 7.7  | 382.1                    | 8.6                | 9.6  | 471.4                    |
| 200                           | 200.0                      | 201.8 | 4.0     | 4.9                | 5.5  | 306.9                    | 7.7                | 8.6  | 473.8                    | 9.6                | 10.7 | 583.9                    |
| 225                           | 225                        | 227.1 | 4.5     | 5.5                | 6.2  | 388.7                    | 8.6                | 9.6  | 595.7                    | 10.8               | 12.0 | 738.3                    |
| 250                           | 250                        | 252.3 | 5.0     | 6.2                | 7.0  | 487.0                    | 9.6                | 10.7 | 738.0                    | 11.9               | 13.2 | 903.5                    |
| 280                           | 280.0                      | 282.6 | 9.8     | 6.9                | 7.7  | 603.5                    | 10.7               | 11.9 | 920.5                    | 13.4               | 14.9 | 1140.5                   |
| 315                           | 315.0                      | 317.9 | 11.1    | 7.7                | 8.6  | 758.1                    | 12.1               | 13.5 | 1172.7                   | 15.0               | 16.6 | 1433.2                   |
| 355                           | 355.0                      | 358.2 | 12.5    | 8.7                | 9.7  | 964.2                    | 13.6               | 15.1 | 1481.7                   | 16.9               | 18.7 | 1819.5                   |
| 400                           | 400.0                      | 403.6 | 14.0    | 9.8                | 10.9 | 1222.3                   | 15.3               | 17.0 | 1879.1                   | 19.1               | 21.2 | 2320.2                   |
| 450                           | 450.0                      | 454.1 | 15.6    | 11.0               | 12.2 | 1541.4                   | 17.2               | 19.1 | 2376.0                   | 21.5               | 23.8 | 2934.4                   |
| 500                           | 500.0                      | 504.5 | 17.5    | 12.3               | 13.7 | 1918.8                   | 19.1               | 21.2 | 2930.8                   | 23.9               | 26.4 | 3620.2                   |
| 560                           | 560.0                      | 565.0 | 19.6    | 13.7               | 15.2 | 2389.1                   | 21.4               | 23.7 | 3673.4                   | 26.7               | 29.5 | 4530.6                   |
| 630                           | 630.0                      | 635.7 | 22.1    | 15.4               | 17.1 | 3022.8                   | 24.1               | 26.7 | 4655.0                   | 30.0               | 33.1 | 5723.6                   |
| 710                           | 710.0                      | 716.4 | 24.9    | 17.4               | 19.3 | 3846.6                   | 27.2               | 30.1 | 5917.0                   | 33.9               | 37.4 | 7287.5                   |

- All dimensions in mm unless specified
- Pipe weights based on Black pipe

| Nominal Outside Diameter (DN) | Mean Outside Diameter (Dm) |       | Ovality | SDR17 (PN10)       |     |                          | SDR13.6 (PN12.5)   |      |                          | SDR11 (PN16)       |      |                          |
|-------------------------------|----------------------------|-------|---------|--------------------|-----|--------------------------|--------------------|------|--------------------------|--------------------|------|--------------------------|
|                               |                            |       |         | Wall Thickness (T) |     | Nominal Weight (kg/100m) | Wall Thickness (T) |      | Nominal Weight (kg/100m) | Wall Thickness (T) |      | Nominal Weight (kg/100m) |
|                               |                            |       |         | Min                | Max |                          | Max                | Min  |                          | Max                | Min  |                          |
| 16                            | 16.0                       | 16.3  | 1.2     | -                  | -   | -                        | -                  | -    | -                        | 1.6                | 1.9  | 7.6                      |
| 20                            | 20.0                       | 20.3  | 1.2     | -                  | -   | -                        | 1.6                | 1.9  | 9.7                      | 1.9                | 2.2  | 11.2                     |
| 25                            | 25.0                       | 25.3  | 1.2     | 1.6                | 1.9 | 12.4                     | 1.9                | 2.2  | 14.3                     | 2.3                | 2.7  | 17.1                     |
| 32                            | 32.0                       | 32.3  | 1.3     | 1.9                | 2.2 | 18.6                     | 2.4                | 2.8  | 23.2                     | 2.9                | 3.3  | 27.2                     |
| 40                            | 40.0                       | 40.4  | 1.4     | 2.4                | 2.8 | 29.5                     | 3.0                | 3.4  | 35.7                     | 3.7                | 4.2  | 43.2                     |
| 50                            | 50.0                       | 50.5  | 1.4     | 3.0                | 3.4 | 45.4                     | 3.7                | 4.2  | 55.2                     | 4.6                | 5.2  | 67.0                     |
| 63                            | 63.0                       | 63.6  | 1.5     | 3.8                | 4.3 | 72.4                     | 4.7                | 5.3  | 87.9                     | 5.8                | 6.5  | 106.0                    |
| 75                            | 75.0                       | 75.7  | 1.6     | 4.5                | 5.1 | 102.1                    | 5.5                | 6.2  | 122.6                    | 6.8                | 7.6  | 148.0                    |
| 90                            | 90.0                       | 90.9  | 1.8     | 5.4                | 6.1 | 146.9                    | 6.6                | 7.4  | 176.2                    | 8.2                | 9.2  | 214.5                    |
| 110                           | 110.0                      | 111.0 | 2.2     | 6.6                | 7.4 | 218.5                    | 8.1                | 9.1  | 264.3                    | 10.0               | 11.1 | 318.0                    |
| 125                           | 125.0                      | 126.2 | 2.5     | 7.4                | 8.3 | 278.8                    | 9.2                | 10.3 | 340.7                    | 11.4               | 12.7 | 412.7                    |



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## PE100 Series 1 AS/NZS4130 Pipe

|     |       |       |      |      |      |        |      |      |         |      |      |         |
|-----|-------|-------|------|------|------|--------|------|------|---------|------|------|---------|
| 140 | 140.0 | 141.3 | 2.8  | 8.3  | 9.3  | 349.9  | 10.3 | 11.5 | 426.5   | 12.7 | 14.1 | 514.3   |
| 160 | 160.0 | 161.5 | 3.2  | 9.5  | 10.6 | 456.8  | 11.8 | 13.1 | 556.8   | 14.6 | 16.2 | 675.1   |
| 180 | 180.0 | 181.7 | 3.6  | 10.7 | 11.9 | 577.8  | 13.3 | 14.8 | 706.8   | 16.4 | 18.2 | 853.3   |
| 200 | 200.0 | 201.8 | 4.0  | 11.9 | 13.2 | 712.9  | 14.7 | 16.3 | 866.7   | 18.2 | 20.2 | 1052.1  |
| 225 | 225   | 227.1 | 4.5  | 13.4 | 14.9 | 904.7  | 16.6 | 18.4 | 1101.2  | 20.5 | 22.7 | 1332.6  |
| 250 | 250   | 252.3 | 5.0  | 14.8 | 16.4 | 1108.7 | 18.4 | 20.4 | 1356.6  | 22.7 | 25.1 | 1638.9  |
| 280 | 280.0 | 282.6 | 5.8  | 16.6 | 18.4 | 1392.9 | 20.6 | 22.8 | 1699.8  | 25.4 | 28.1 | 2054.7  |
| 315 | 315.0 | 317.9 | 6.6  | 18.7 | 20.7 | 1763.8 | 23.2 | 25.7 | 2154.2  | 28.6 | 31.6 | 2600.8  |
| 355 | 355.0 | 358.2 | 7.5  | 21.1 | 23.4 | 2244.6 | 26.1 | 28.9 | 2730.8  | 32.2 | 35.6 | 3301.0  |
| 400 | 400.0 | 403.6 | 8.4  | 23.7 | 26.2 | 2836.8 | 29.4 | 32.5 | 3463.2  | 36.3 | 40.1 | 4191.1  |
| 450 | 450.0 | 454.1 | 9.4  | 26.7 | 29.5 | 3594.3 | 33.1 | 36.6 | 4387.0  | 40.9 | 45.1 | 5307.4  |
| 500 | 500.0 | 504.5 | 10.4 | 29.6 | 32.7 | 4427.6 | 36.8 | 40.6 | 5412.8  | 45.4 | 50.1 | 6548.5  |
| 560 | 560.0 | 565.0 | 11.6 | 33.2 | 36.7 | 5563.0 | 41.2 | 45.5 | 6790.4  | 50.8 | 56.0 | 8203.1  |
| 630 | 630.0 | 635.7 | 13.0 | 37.3 | 41.2 | 7029.6 | 46.3 | 51.1 | 8583.5  | 57.2 | 63.1 | 10394.4 |
| 710 | 710.0 | 716.4 | 14.6 | 42.1 | 46.5 | 8940.5 | 52.2 | 57.6 | 10904.6 | 64.5 | 71.1 | 13203.6 |

- All dimensions in mm unless specified
- Pipe weights based on Black pipe

| Nominal Outside Diameter (DN) | Mean Outside Diameter (Dm) |       | Ovality | SDR9 (PN20)        |      |                          | SDR7.4 (PN25)      |      |                          |
|-------------------------------|----------------------------|-------|---------|--------------------|------|--------------------------|--------------------|------|--------------------------|
|                               |                            |       |         | Wall Thickness (T) |      | Nominal Weight (kg/100m) | Wall Thickness (T) |      | Nominal Weight (kg/100m) |
|                               |                            |       |         | Min                | Max  |                          | Min                | Max  |                          |
| 16                            | 16.0                       | 16.3  | 1.2     | 1.8                | 2.1  | 8.4                      | 2.2                | 2.6  | 10.0                     |
| 20                            | 20.0                       | 20.3  | 1.2     | 2.3                | 2.7  | 13.3                     | 2.8                | 3.2  | 15.5                     |
| 25                            | 25.0                       | 25.3  | 1.2     | 2.8                | 3.2  | 20.0                     | 3.5                | 4.0  | 24.2                     |
| 32                            | 32.0                       | 32.3  | 1.3     | 3.6                | 4.1  | 32.9                     | 4.4                | 5.0  | 38.9                     |
| 40                            | 40.0                       | 40.4  | 1.4     | 4.5                | 5.1  | 51.2                     | 5.5                | 6.2  | 60.6                     |
| 50                            | 50.0                       | 50.5  | 1.4     | 5.6                | 6.3  | 79.5                     | 6.9                | 7.7  | 94.6                     |
| 63                            | 63.0                       | 63.6  | 1.5     | 7.1                | 8.0  | 126.9                    | 8.6                | 9.6  | 148.8                    |
| 75                            | 75.0                       | 75.7  | 1.6     | 8.4                | 9.4  | 178.4                    | 10.3               | 11.5 | 211.9                    |
| 90                            | 90.0                       | 90.9  | 1.8     | 10.1               | 11.3 | 257.4                    | 12.3               | 13.7 | 303.7                    |
| 110                           | 110.0                      | 111.0 | 2.2     | 12.3               | 13.7 | 382.3                    | 15.1               | 16.8 | 454.8                    |
| 125                           | 125.0                      | 126.2 | 2.5     | 14.0               | 15.5 | 493.1                    | 17.1               | 19.0 | 585.5                    |
| 140                           | 140.0                      | 141.3 | 2.8     | 15.7               | 17.4 | 619.4                    | 19.2               | 21.3 | 735.3                    |
| 160                           | 160.0                      | 161.5 | 3.2     | 17.9               | 19.8 | 806.7                    | 21.9               | 24.2 | 957.3                    |
| 180                           | 180.0                      | 181.7 | 3.6     | 20.1               | 22.3 | 1020.8                   | 24.6               | 27.2 | 1210.4                   |
| 200                           | 200.0                      | 201.8 | 4.0     | 22.4               | 24.8 | 1261.9                   | 27.3               | 30.2 | 1492.7                   |
| 225                           | 225                        | 227.1 | 4.5     | 25.1               | 27.8 | 1593.2                   | 30.8               | 34.0 | 1893.6                   |
| 250                           | 250                        | 252.3 | 5.0     | 27.9               | 30.8 | 1964.5                   | 34.2               | 37.8 | 2337.6                   |
| 280                           | 280.0                      | 282.6 | 5.8     | 31.3               | 34.6 | 2469.4                   | 38.3               | 42.3 | 2931.2                   |
| 315                           | 315.0                      | 317.9 | 6.6     | 35.2               | 38.9 | 3123.9                   | 43.0               | 47.4 | 3700.1                   |
| 355                           | 355.0                      | 358.2 | 7.5     | 39.6               | 43.7 | 3958.5                   | 48.5               | 53.5 | 4703.6                   |
| 400                           | 400.0                      | 403.6 | 8.4     | 44.7               | 49.3 | 5032.1                   | 54.6               | 60.2 | 5965.9                   |
| 450                           | 450.0                      | 454.1 | 9.4     | 50.2               | 55.4 | 6361.3                   | 61.5               | 67.8 | 7558.5                   |
| 500                           | 500.0                      | 504.5 | 10.4    | 55.8               | 61.5 | 7851.0                   | -                  | -    | -                        |
| 560                           | 560.0                      | 565.0 | 11.6    | 62.5               | 68.9 | 9849.4                   | -                  | -    | -                        |
| 630                           | 630.0                      | 635.7 | 13.0    | 70.3               | 77.5 | 12464.7                  | -                  | -    | -                        |
| 710                           | 710.0                      | 716.4 | 14.6    | 79.3               | 87.4 | 15841.9                  | -                  | -    | -                        |

- All dimensions in mm unless specified
- Pipe weights based on Black pipe

### PACKAGING:

Coil and Drum Dimensions: Refer ACP Product Specification 17 - Coiling Dimensions.

**SPECIAL REQUIREMENTS:** As specified by agreement with customer at time of ordering.