


# PE80 Polyethylene pipe availability

| Metric Sizes DIN 8074 |                             | PE80          |                  |                  |                  |                   |                |                   | PE80-el: Electro Conductive |                   |                |
|-----------------------|-----------------------------|---------------|------------------|------------------|------------------|-------------------|----------------|-------------------|-----------------------------|-------------------|----------------|
| Size                  | Series SDR Working Pressure | Ventilation - | S-20 SDR41 PN2.5 | S-16 SDR33 PN3.2 | S-12.5 SDR26 PN4 | S-8.3 SDR17.6 PN6 | S-5 SDR11 PN10 | S-3.2 SDR7.4 PN16 | S-16 SDR33 PN3.2            | S-8.3 SDR17.6 PN6 | S-5 SDR11 PN10 |
| 10                    | O.D. (mm)                   |               |                  |                  |                  |                   |                | 10                |                             |                   |                |
|                       | Wall (mm)                   |               |                  |                  |                  |                   |                | 1.8               |                             |                   |                |
|                       | Weight/m (kg)               |               |                  |                  |                  |                   |                | 0.05              |                             |                   |                |
| 12                    | O.D. (mm)                   |               |                  |                  |                  |                   |                | 12                |                             |                   |                |
|                       | Wall (mm)                   |               |                  |                  |                  |                   |                | 1.8               |                             |                   |                |
|                       | Weight/m (kg)               |               |                  |                  |                  |                   |                | 0.06              |                             |                   |                |
| 16                    | O.D. (mm)                   |               |                  |                  |                  |                   | 16             | 16                |                             |                   |                |
|                       | Wall (mm)                   |               |                  |                  |                  |                   | 1.8            | 2.2               |                             |                   |                |
|                       | Weight/m (kg)               |               |                  |                  |                  |                   | 0.08           | 0.10              |                             |                   |                |
| 20                    | O.D. (mm)                   |               |                  |                  |                  | 20                | 20             | 20                |                             |                   |                |
|                       | Wall (mm)                   |               |                  |                  |                  | 1.8               | 2.5            | 2.8               |                             |                   |                |
|                       | Weight/m (kg)               |               |                  |                  |                  | 0.11              | 0.14           | 0.15              |                             |                   |                |
| 25                    | O.D. (mm)                   |               |                  |                  |                  | 25                | 25             | 25                |                             |                   |                |
|                       | Wall (mm)                   |               |                  |                  |                  | 1.8               | 2.7            | 3.5               |                             |                   |                |
|                       | Weight/m (kg)               |               |                  |                  |                  | 1.14              | 0.19           | 0.24              |                             |                   |                |
| 32                    | O.D. (mm)                   |               |                  |                  |                  | 32                | 32             | 32                |                             |                   | 32             |
|                       | Wall (mm)                   |               |                  |                  |                  | 1.9               | 2.9            | 4.4               |                             |                   | 2.9            |
|                       | Weight/m (kg)               |               |                  |                  |                  | 0.18              | 0.27           | 0.38              |                             |                   | 0.28           |
| 40                    | O.D. (mm)                   |               |                  | 40               | 40               | 40                | 40             | 40                |                             |                   | 40             |
|                       | Wall (mm)                   |               |                  | 1.8              | 2.3              | 3.7               | 5.5            | 5.5               |                             |                   | 3.7            |
|                       | Weight/m (kg)               |               |                  | 0.23             | 0.28             | 0.43              | 0.60           | 0.60              |                             |                   | 0.45           |
| 50                    | O.D. (mm)                   |               |                  | 50               | 50               | 50                | 50             | 50                |                             |                   | 50             |
|                       | Wall (mm)                   |               |                  | 1.8              | 2.0              | 2.9               | 4.6            | 6.9               |                             |                   | 4.6            |
|                       | Weight/m (kg)               |               |                  | 0.29             | 0.31             | 0.44              | 0.67           | 0.94              |                             |                   | 0.69           |
| 63                    | O.D. (mm)                   |               | 63               | 63               | 63               | 63                | 63             | 63                |                             |                   | 63             |
|                       | Wall (mm)                   |               | 1.8              | 2.0              | 2.5              | 3.6               | 5.8            | 8.6               |                             |                   | 5.8            |
|                       | Weight/m (kg)               |               | 0.36             | 0.40             | 0.49             | 0.69              | 1.05           | 1.47              |                             |                   | 1.10           |
| 75                    | O.D. (mm)                   |               | 75               | 75               | 75               | 75                | 75             | 75                |                             |                   | 75             |
|                       | Wall (mm)                   |               | 1.9              | 2.3              | 2.9              | 4.3               | 6.8            | 10.3              |                             |                   | 6.8            |
|                       | Weight/m (kg)               |               | 0.46             | 0.54             | 0.68             | 0.97              | 1.47           | 2.09              |                             |                   | 1.53           |
| 90                    | O.D. (mm)                   |               | 90               | 90               | 90               | 90                | 90             | 90                |                             | 90                | 90             |
|                       | Wall (mm)                   |               | 2.2              | 2.8              | 3.5              | 5.1               | 8.2            | 12.3              |                             | 5.1               | 8.2            |
|                       | Weight/m (kg)               |               | 0.63             | 0.79             | 0.98             | 1.38              | 2.11           | 2.99              |                             | 1.44              | 2.20           |
| 110                   | O.D. (mm)                   |               | 110              | 110              | 110              | 110               | 110            | 110               | 110                         | 110               | 110            |
|                       | Wall (mm)                   |               | 2.7              | 3.4              | 4.2              | 6.3               | 10.0           | 15.1              | 3.4                         | 6.3               | 10.0           |
|                       | Weight/m (kg)               |               | 0.94             | 1.16             | 1.42             | 2.07              | 3.14           | 4.48              | 1.21                        | 2.3               | 3.28           |
| 125                   | O.D. (mm)                   |               | 125              | 125              | 125              | 125               | 125            | 125               | 125                         | 125               | 125            |
|                       | Wall (mm)                   |               | 3.1              | 3.9              | 4.8              | 7.1               | 11.4           | 17.1              | 3.9                         | 7.1               | 11.4           |
|                       | Weight/m (kg)               |               | 1.22             | 1.51             | 1.84             | 2.65              | 4.06           | 5.76              | 1.58                        | 2.77              | 4.23           |
| 140                   | O.D. (mm)                   |               | 140              | 140              | 140              | 140               | 140            | 140               |                             |                   |                |
|                       | Wall (mm)                   |               | 3.5              | 4.3              | 5.4              | 8.0               | 12.7           | 19.2              |                             |                   |                |
|                       | Weight/m (kg)               |               | 1.54             | 1.86             | 2.30             | 3.34              | 5.08           | 7.24              |                             |                   |                |
| 160                   | O.D. (mm)                   |               | 160              | 160              | 160              | 160               | 160            | 160               | 160                         | 160               | 160            |
|                       | Wall (mm)                   |               | 4.0              | 4.9              | 6.2              | 9.1               | 14.6           | 21.9              | 4.9                         | 9.1               | 14.6           |
|                       | Weight/m (kg)               |               | 2.00             | 2.42             | 3.02             | 4.33              | 6.67           | 9.44              | 2.53                        | 4.51              | 6.95           |
| 180                   | O.D. (mm)                   |               | 180              | 180              | 180              | 180               | 180            | 180               | 180                         | 180               | 180            |
|                       | Wall (mm)                   |               | 4.4              | 5.5              | 6.9              | 10.2              | 16.4           | 24.6              | 5.5                         | 10.2              | 16.4           |
|                       | Weight/m (kg)               |               | 2.46             | 3.07             | 3.79             | 5.45              | 8.40           | 11.90             | 3.19                        | 5.68              | 8.75           |
| 200                   | O.D. (mm)                   |               | 200              | 200              | 200              | 200               | 200            | 200               | 200                         | 200               | 200            |
|                       | Wall (mm)                   |               | 4.9              | 6.2              | 7.7              | 11.4              | 18.2           | 27.4              | 6.2                         | 11.4              | 18.2           |
|                       | Weight/m (kg)               |               | 3.05             | 3.81             | 4.69             | 6.76              | 10.40          | 14.70             | 3.97                        | 7.04              | 10.80          |
| 225                   | O.D. (mm)                   |               | 225              | 225              | 225              | 225               | 225            | 225               | 225                         | 225               | 225            |
|                       | Wall (mm)                   |               | 5.5              | 6.9              | 8.6              | 12.8              | 20.5           | 30.8              | 6.9                         | 12.8              | 20.5           |
|                       | Weight/m (kg)               |               | 3.86             | 4.77             | 5.89             | 8.55              | 13.10          | 18.60             | 4.99                        | 8.91              | 13.70          |
| 250                   | O.D. (mm)                   |               | 250              | 250              | 250              | 250               | 250            | 250               | 250                         | 250               | 250            |
|                       | Wall (mm)                   |               | 6.2              | 7.7              | 9.6              | 14.2              | 22.7           | 34.2              | 7.7                         | 14.2              | 22.7           |
|                       | Weight/m (kg)               |               | 4.79             | 5.92             | 7.30             | 10.50             | 16.20          | 23.00             | 6.17                        | 11.00             | 16.80          |
| 280                   | O.D. (mm)                   |               | 280              | 280              | 280              | 280               | 280            | 280               |                             |                   |                |
|                       | Wall (mm)                   |               | 6.9              | 8.6              | 10.7             | 15.9              | 25.4           | 38.3              |                             |                   |                |
|                       | Weight/m (kg)               |               | 5.98             | 7.40             | 9.10             | 13.20             | 20.20          | 28.80             |                             |                   |                |
| 315                   | O.D. (mm)                   |               | 315              | 315              | 315              | 315               | 315            | 315               | 315                         | 315               | 315            |
|                       | Wall (mm)                   |               | 7.7              | 9.7              | 12.1             | 17.9              | 28.6           | 43.1              | 9.7                         | 17.9              | 28.6           |
|                       | Weight/m (kg)               |               | 7.51             | 9.37             | 11.50            | 16.70             | 25.60          | 36.50             | 9.76                        | 17.40             | 26.70          |
| 355                   | O.D. (mm)                   |               | 355              | 355              | 355              | 355               | 355            | 355               |                             |                   |                |
|                       | Wall (mm)                   |               | 8.7              | 10.9             | 13.6             | 20.1              | 32.2           | 48.5              |                             |                   |                |
|                       | Weight/m (kg)               |               | 9.55             | 11.80            | 14.60            | 21.20             | 32.50          | 46.30             |                             |                   |                |
| 400                   | O.D. (mm)                   | 400           | 400              | 400              | 400              | 400               | 400            | 400               | 400                         |                   |                |
|                       | Wall (mm)                   | 8.0           | 9.8              | 12.3             | 15.3             | 22.7              | 36.3           | 54.7              | 12.3                        |                   |                |
|                       | Weight/m (kg)               | 9.93          | 12.10            | 15.00            | 18.50            | 26.90             | 41.20          | 58.80             | 15.60                       |                   |                |
| 450                   | O.D. (mm)                   | 450           | 450              | 450              | 450              | 450               | 450            |                   |                             |                   |                |
|                       | Wall (mm)                   | 8.0           | 11.0             | 13.8             | 17.2             | 25.5              | 40.9           |                   |                             |                   |                |
|                       | Weight/m (kg)               | 11.20         | 15.20            | 19.00            | 23.40            | 34.00             | 52.30          |                   |                             |                   |                |
| 500                   | O.D. (mm)                   | 500           | 500              | 500              | 500              | 500               | 500            |                   |                             |                   |                |
|                       | Wall (mm)                   | 8.0           | 12.3             | 15.3             | 19.1             | 28.3              | 45.4           |                   |                             |                   |                |
|                       | Weight/m (kg)               | 12.50         | 18.90            | 23.30            | 28.90            | 41.80             | 64.50          |                   |                             |                   |                |
| 560                   | O.D. (mm)                   |               | 560              | 560              | 560              | 560               | 560            |                   |                             |                   |                |
|                       | Wall (mm)                   |               | 10.0             | 13.7             | 17.2             | 21.4              | 31.7           | 50.8              |                             |                   |                |
|                       | Weight/m (kg)               |               | 17.40            | 23.60            | 29.40            | 36.20             | 52.50          | 80.80             |                             |                   |                |
| 630                   | O.D. (mm)                   |               | 630              | 630              | 630              | 630               | 630            |                   |                             |                   |                |
|                       | Wall (mm)                   |               | 10.0             | 15.4             | 19.3             | 24.1              | 35.7           | 57.2              |                             |                   |                |
|                       | Weight/m (kg)               |               | 19.60            | 29.80            | 37.00            | 44.80             | 66.50          | 102.00            |                             |                   |                |
| 710                   | O.D. (mm)                   |               | 710              | 710              | 710              | 710               | 710            |                   |                             |                   |                |
|                       | Wall (mm)                   |               | 12.0             | 17.4             | 21.8             | 27.2              | 40.2           |                   |                             |                   |                |
|                       | Weight/m (kg)               |               | 26.40            | 37.90            | 47.20            | 58.30             | 84.00          |                   |                             |                   |                |
| 800                   | O.D. (mm)                   |               | 800              | 800              | 800              | 800               | 800            |                   |                             |                   |                |
|                       | Wall (mm)                   |               | 12.0             | 19.6             | 24.5             | 30.6              | 45.3           |                   |                             |                   |                |
|                       | Weight/m (kg)               |               | 29.80            | 48.10            | 59.70            | 73.90             | 107.00         |                   |                             |                   |                |
| 900                   | O.D. (mm)                   |               | 900              | 900              | 900              | 900               | 900            |                   |                             |                   |                |
|                       | Wall (mm)                   |               | 15.0             | 22.0             | 27.6             | 34.4              |                |                   |                             |                   |                |
|                       | Weight/m (kg)               |               | 41.80            | 60.70            | 75.60            | 93.30             |                |                   |                             |                   |                |
| 1000                  | O.D. (mm)                   |               | 1000             | 1000             | 1000             | 1000              |                |                   |                             |                   |                |
|                       | Wall (mm)                   |               | 15.0             | 24.5             | 30.6             | 38.2              |                |                   |                             |                   |                |
|                       | Weight/m (kg)               |               | 46.60            | 75.20            | 93.10            | 115.00            |                |                   |                             |                   |                |
| 1200                  | O.D. (mm)                   |               | 1200             | 1200             | 1200             | 1200              |                |                   |                             |                   |                |
|                       | Wall (mm)                   |               | 18.0             | 29.4             | 36.7             | 45.9              |                |                   |                             |                   |                |
|                       | Weight/m (kg)               |               | 67.00            | 108.00           | 134.00           | 166.00            |                |                   |                             |                   |                |
| 1400                  | O.D. (mm)                   |               | 1400             | 1400             | 1400             |                   |                |                   |                             |                   |                |
|                       | Wall (mm)                   |               | 20.0             | 34.3             | 42.9             |                   |                |                   |                             |                   |                |
|                       | Weight/m (kg)               |               | 86.80            | 147.00           | 183.00           |                   |                |                   |                             |                   |                |

# PE100 Polyethylene pipe availability

| Metric Sizes DIN 8074 |                             | PE100            |                |                | PE100 FM Approved |
|-----------------------|-----------------------------|------------------|----------------|----------------|-------------------|
| Size                  | Series SDR Working Pressure | S-12.5 SDR26 PN6 | S-8 SDR17 PN10 | S-5 SDR11 PN16 | S-5 SDR11 PN12    |
| 20                    | O.D. (mm)                   |                  |                | 20             |                   |
|                       | Wall (mm)                   |                  |                | 2.0            |                   |
|                       | Weight/m (kg)               |                  |                | 0.12           |                   |
| 25                    | O.D. (mm)                   |                  |                | 25             |                   |
|                       | Wall (mm)                   |                  |                | 2.3            |                   |
|                       | Weight/m (kg)               |                  |                | 0.17           |                   |
| 32                    | O.D. (mm)                   |                  | 32             | 32             |                   |
|                       | Wall (mm)                   |                  | 2              | 2.9            |                   |
|                       | Weight/m (kg)               |                  | 0.20           | 0.28           |                   |
| 40                    | O.D. (mm)                   |                  | 40             | 40             |                   |
|                       | Wall (mm)                   |                  | 2.4            | 3.7            |                   |
|                       | Weight/m (kg)               |                  | 0.30           | 0.43           |                   |
| 50                    | O.D. (mm)                   |                  | 50             | 50             |                   |
|                       | Wall (mm)                   |                  | 3.0            | 4.6            |                   |
|                       | Weight/m (kg)               |                  | 0.46           | 0.67           |                   |
| 63                    | O.D. (mm)                   |                  | 63             | 63             | 63                |
|                       | Wall (mm)                   |                  | 3.8            | 5.8            | 5.8               |
|                       | Weight/m (kg)               |                  | 0.73           | 1.06           | 1.05              |
| 75                    | O.D. (mm)                   |                  | 75             | 75             | 75                |
|                       | Wall (mm)                   |                  | 4.5            | 6.8            | 6.8               |
|                       | Weight/m (kg)               |                  | 1.03           | 1.48           | 1.47              |
| 90                    | O.D. (mm)                   | 90               | 90             | 90             | 90                |
|                       | Wall (mm)                   | 3.5              | 5.4            | 8.2            | 8.2               |
|                       | Weight/m (kg)               | 0.99             | 1.47           | 2.14           | 2.11              |
| 110                   | O.D. (mm)                   | 110              | 110            | 110            | 110               |
|                       | Wall (mm)                   | 4.2              | 6.6            | 10.0           | 10.0              |
|                       | Weight/m (kg)               | 1.45             | 2.19           | 3.18           | 3.14              |
| 125                   | O.D. (mm)                   | 125              | 125            | 125            | 125               |
|                       | Wall (mm)                   | 4.8              | 7.4            | 11.4           | 11.4              |
|                       | Weight/m (kg)               | 1.86             | 2.79           | 4.12           | 4.06              |
| 140                   | O.D. (mm)                   | 140              | 140            | 140            | 140               |
|                       | Wall (mm)                   | 5.4              | 8.3            | 12.7           | 12.7              |
|                       | Weight/m (kg)               | 2.35             | 3.50           | 5.13           | 5.08              |
| 160                   | O.D. (mm)                   | 160              | 160            | 160            | 160               |
|                       | Wall (mm)                   | 6.2              | 9.5            | 14.6           | 14.6              |
|                       | Weight/m (kg)               | 3.08             | 4.57           | 6.74           | 6.67              |
| 180                   | O.D. (mm)                   | 180              | 180            | 180            | 180               |
|                       | Wall (mm)                   | 6.9              | 10.7           | 16.4           | 16.4              |
|                       | Weight/m (kg)               | 3.83             | 5.77           | 8.51           | 8.40              |
| 200                   | O.D. (mm)                   | 200              | 200            | 200            | 200               |
|                       | Wall (mm)                   | 7.7              | 11.9           | 18.2           | 18.2              |
|                       | Weight/m (kg)               | 4.74             | 7.12           | 10.50          | 10.40             |
| 225                   | O.D. (mm)                   | 225              | 225            | 225            | 225               |
|                       | Wall (mm)                   | 8.6              | 13.4           | 20.5           | 20.5              |
|                       | Weight/m (kg)               | 5.96             | 9.03           | 13.30          | 13.10             |
| 250                   | O.D. (mm)                   | 250              | 250            | 250            | 250               |
|                       | Wall (mm)                   | 9.6              | 14.8           | 22.7           | 22.7              |
|                       | Weight/m (kg)               | 7.38             | 11.10          | 16.30          | 16.20             |
| 280                   | O.D. (mm)                   | 280              | 280            | 280            | 280               |
|                       | Wall (mm)                   | 10.7             | 16.6           | 25.4           | 25.4              |
|                       | Weight/m (kg)               | 9.20             | 13.90          | 20.50          | 20.20             |
| 315                   | O.D. (mm)                   | 315              | 315            | 315            | 315               |
|                       | Wall (mm)                   | 12.1             | 18.7           | 28.6           | 28.6              |
|                       | Weight/m (kg)               | 11.70            | 17.60          | 25.90          | 25.60             |
| 355                   | O.D. (mm)                   | 355              | 355            | 355            | 355               |
|                       | Wall (mm)                   | 13.6             | 21.1           | 32.2           | 32.2              |
|                       | Weight/m (kg)               | 14.80            | 22.40          | 32.90          | 32.50             |
| 400                   | O.D. (mm)                   | 400              | 400            | 400            | 400               |
|                       | Wall (mm)                   | 15.3             | 23.7           | 36.3           | 36.3              |
|                       | Weight/m (kg)               | 18.80            | 28.30          | 41.70          | 41.20             |
| 450                   | O.D. (mm)                   | 450              | 450            | 450            |                   |
|                       | Wall (mm)                   | 17.2             | 26.7           | 40.9           |                   |
|                       | Weight/m (kg)               | 23.70            | 35.80          | 52.80          |                   |
| 500                   | O.D. (mm)                   | 500              | 500            | 500            |                   |
|                       | Wall (mm)                   | 19.1             | 29.7           | 45.4           |                   |
|                       | Weight/m (kg)               | 29.20            | 44.20          | 65.20          |                   |
| 560                   | O.D. (mm)                   | 560              | 560            | 560            |                   |
|                       | Wall (mm)                   | 21.4             | 33.2           | 50.8           |                   |
|                       | Weight/m (kg)               | 36.60            | 55.40          | 81.70          |                   |
| 630                   | O.D. (mm)                   | 630              | 630            | 630            |                   |
|                       | Wall (mm)                   | 24.1             | 37.4           | 57.2           |                   |
|                       | Weight/m (kg)               | 46.40            | 70.20          | 103.00         |                   |
| 710                   | O.D. (mm)                   | 710              | 710            |                |                   |
|                       | Wall (mm)                   | 27.2             | 42.1           |                |                   |
|                       | Weight/m (kg)               | 58.30            | 89.00          |                |                   |
| 800                   | O.D. (mm)                   | 800              | 800            |                |                   |
|                       | Wall (mm)                   | 30.6             | 47.4           |                |                   |
|                       | Weight/m (kg)               | 73.90            | 113.00         |                |                   |
| 900                   | O.D. (mm)                   | 900              | 900            |                |                   |
|                       | Wall (mm)                   | 34.4             | 53.3           |                |                   |
|                       | Weight/m (kg)               | 93.40            | 143.00         |                |                   |
| 1000                  | O.D. (mm)                   | 1000             | 1000           |                |                   |
|                       | Wall (mm)                   | 38.2             | 59.3           |                |                   |
|                       | Weight/m (kg)               | 115.00           | 176.00         |                |                   |



### Agru PE 100

Can be supplied with FM Approval for applications within the fire protection industry. Please refer to the separate pages at the end of the Polyethylene section

## PE80 Pipe

### PN2.5/S-20/SDR41

### PN3.2/S-16/SDR33

| Size | Code           | Price/m | Code           | Price/m |
|------|----------------|---------|----------------|---------|
| 16   | -              | -       | -              | -       |
| 20   | -              | -       | -              | -       |
| 25   | -              | -       | -              | -       |
| 32   | -              | -       | -              | -       |
| 40   | -              | -       | -              | -       |
| 50   | -              | -       | -              | -       |
| 63   | -              | -       | -              | -       |
| 75   | 20 705 0075 41 | 2.55    | 20 705 0075 33 | 3.02    |
| 90   | 20 705 0090 41 | 3.51    | 20 705 0090 33 | 4.37    |
| 110  | 20 705 0110 41 | 5.27    | 20 705 0110 33 | 6.41    |
| 125  | 20 705 0125 41 | 6.83    | 20 705 0125 33 | 8.30    |
| 140  | 20 705 0140 41 | 8.61    | 20 705 0140 33 | 10.19   |
| 160  | 20 705 0160 41 | 11.18   | 20 705 0160 33 | 13.29   |
| 180  | 20 705 0180 41 | 13.76   | 20 705 0180 33 | 16.87   |
| 200  | 20 705 0200 41 | 17.06   | 20 705 0200 33 | 20.95   |
| 225  | 20 705 0225 41 | 21.59   | 20 705 0225 33 | 26.13   |
| 250  | 20 705 0250 41 | 26.79   | 20 705 0250 33 | 32.47   |
| 280  | 20 705 0280 41 | 33.43   | 20 705 0280 33 | 40.46   |
| 315  | 20 705 0315 41 | 42.00   | 20 705 0315 33 | 51.28   |
| 355  | 20 705 0355 41 | 53.41   | 20 705 0355 33 | 64.50   |
| 400  | 20 705 0400 41 | 67.67   | 20 705 0400 33 | 82.05   |
| 450  | 20 705 0450 41 | 92.14   | 20 705 0450 33 | 113.39  |
| 500  | 20 705 0500 41 | 114.57  | 20 705 0500 33 | 138.97  |
| 560  | 20 705 0560 41 | 143.05  | 20 705 0560 33 | 175.63  |
| 630  | 20 705 0630 41 | 180.63  | 20 705 0630 33 | 220.58  |
| 710  | 20 705 0710 41 | 229.72  | 20 705 0710 33 | 281.72  |
| 800  | 20 705 0800 41 | 291.55  | 20 705 0800 33 | 356.17  |
| 900  | 20 705 0900 41 | 428.62  | 20 705 0900 33 | 488.24  |
| 1000 | 20 705 1000 41 | 530.97  | 20 705 1000 33 | 601.35  |
| 1200 | 20 705 1200 41 | 813.20  | 20 705 1200 33 | 932.93  |
| 1400 | 20 705 1400 41 | 1175.76 | 20 705 1400 33 | 1364.27 |

Standard length 5m

Also available:- ventilation pipes - details on request.

Please note that a transportation surcharge may be applied on pipe diameters 250mm or larger - please enquire for details.

\*Residual stocks only, please check availability



### Non Standard Lengths

Depending on the quantity and lead time requirements, PE pipes can be produced in lengths up to 12 metres. Please enquire for details.



### Electrically Conductive PE

A range of PE80 pipes and fittings is designed for the safe discharge of static electricity in critical environments. Please refer to the separate pages at the end of the Polyethylene section.





## PE100 Pipe

| PN10/S-8.3/SDR17.6 |                |         | PN16/S-5/SDR11 |         |  |
|--------------------|----------------|---------|----------------|---------|--|
| Size               | Code           | Price/m | Code           | Price/m |  |
| 20                 | 25 705 0020 17 | 0.74    | 25 705 0020 11 | 0.95    |  |
| 25                 | 25 705 0025 17 | 0.93    | 25 705 0025 11 | 1.31    |  |
| 32                 | 25 705 0032 17 | 1.20    | 25 705 0032 11 | 1.83    |  |
| 40                 | 25 705 0040 17 | 1.69    | 25 705 0040 11 | 2.53    |  |
| 50                 | 25 705 0050 17 | 2.68    | 25 705 0050 11 | 3.86    |  |
| 63                 | 25 705 0063 17 | 4.15    | 25 705 0063 11 | 6.06    |  |
| 75                 | 25 705 0075 17 | 5.83    | 25 705 0075 11 | 8.43    |  |
| 90                 | 25 705 0090 17 | 8.43    | 25 705 0090 11 | 12.14   |  |
| 110                | 25 705 0110 17 | 12.37   | 25 705 0110 11 | 18.13   |  |
| 125                | 25 705 0125 17 | 15.89   | 25 705 0125 11 | 23.33   |  |
| 140                | 25 705 0140 17 | 19.82   | 25 705 0140 11 | 29.23   |  |
| 160                | 25 705 0160 17 | 26.00   | 25 705 0160 11 | 38.21   |  |
| 180                | 25 705 0180 17 | 32.76   | 25 705 0180 11 | 48.20   |  |
| 200                | 25 705 0200 17 | 40.46   | 25 705 0200 11 | 59.72   |  |
| 225                | 25 705 0225 17 | 51.28   | 25 705 0225 11 | 75.17   |  |
| 250                | 25 705 0250 17 | 62.53   | 25 705 0250 11 | 92.87   |  |
| 280                | 25 705 0280 17 | 78.54   | 25 705 0280 11 | 115.77  |  |
| 315                | 25 705 0315 17 | 99.75   | 25 705 0315 11 | 146.83  |  |
| 355                | 25 705 0355 17 | 126.74  | 25 705 0355 11 | 186.86  |  |
| 400                | 25 705 0400 17 | 160.87  | 25 705 0400 11 | 236.75  |  |
| 450                | 25 705 0450 17 | 220.58  | 25 705 0450 11 | 325.97  |  |
| 500                | 25 705 0500 17 | 273.27  | 25 705 0500 11 | 401.84  |  |
| 560                | 25 705 0560 17 | 341.42  | 25 705 0560 11 | 503.71  |  |
| 630                | 25 705 0630 17 | 432.75  | 25 705 0630 11 | 635.76  |  |
| 710                | 25 705 0710 17 | 547.95  | 25 705 0710 11 | 816.40  |  |
| 800                | 25 705 0800 17 | 696.89  | -              | -       |  |

Please note that a transportation surcharge may be applied on pipe diameters 250mm or larger - please enquire for details.

## Pipework Support

Polyethylene pipework requires more support than for metallic systems. As working temperature increases, the distance between supports is reduced.

| PN10 Pipe Size | Support Centres/m |      |      |
|----------------|-------------------|------|------|
|                | 20°C              | 40°C | 60°C |
| 16             | 0.5               | 0.5  | 0.4  |
| 20             | 0.6               | 0.5  | 0.4  |
| 25             | 0.7               | 0.6  | 0.5  |
| 32             | 0.8               | 0.7  | 0.6  |
| 40             | 0.9               | 0.8  | 0.7  |
| 50             | 1.0               | 0.9  | 0.8  |
| 63             | 1.2               | 1.1  | 0.9  |
| 75             | 1.4               | 1.2  | 1.0  |
| 90             | 1.5               | 1.4  | 1.2  |
| 110            | 1.7               | 1.5  | 1.3  |
| 125            | 1.8               | 1.6  | 1.4  |
| 140            | 1.9               | 1.8  | 1.5  |
| 160            | 2.1               | 1.9  | 1.6  |
| 180            | 2.2               | 2.0  | 1.8  |
| 200            | 2.3               | 2.1  | 1.9  |
| 225            | 2.5               | 2.3  | 2.1  |
| 250            | 2.6               | 2.4  | 2.1  |
| 280            | 2.8               | 2.6  | 2.2  |
| 315            | 2.9               | 2.7  | 2.4  |
| 355            | 3.1               | 2.9  | 2.6  |
| 400            | 3.3               | 3.1  | 2.7  |

## Temperature De-Rating Factors

Pressure ratings for Polyethylene pipework systems are always quoted at 20°C. As the working temperature increases, the maximum working pressure decreases by the factor indicated.

| Working Temperature (°C) | Pressure De-Rating Factor |
|--------------------------|---------------------------|
| 20                       | 1.00                      |
| 30                       | 0.77                      |
| 40                       | 0.53                      |
| 50                       | 0.36                      |

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