





Pipe Dimensions Pressure ratings and fittings

| Fittings | Lateral Pipe | |
|--|--------------|-----------|
|  13 - 25mm Lateral Fitting | PN (bar) | 5 (ID) |
| | LAT13 | 15.3 13.0 |
| | LAT16 | 18.6 16.0 |
| | LAT19 | 22.0 19.0 |
| | LAT25 | 28.7 24.9 |

| Fittings | RX K-Pipe™ | | |
|---|-------------------|-------|-------|
|  32 - 50mm K-Line Fitting | PN (bar) | (OD) | (ID) |
| | K.PIPE32 (6.5bar) | 37.75 | 31.20 |
| | K.PIPE40 (6.0bar) | 44.15 | 37.55 |
| | K.PIPE45 (5.0bar) | 50.25 | 43.55 |
| | K.PIPE63 (6.0bar) | 63.30 | 55.20 |

| Fittings | RX Low Density Pipe | | | | | | | |
|---|---------------------|-------|------|---|---|---|---|-------|
|  15 - 50mm RX Low Density 15 - 40mm RX Compression & Tapping Saddles 32 - 50mm K-Line Fitting | PN (bar) | (OD) | (ID) | | | | | |
| | | | 5 | 6 | 7 | 8 | 9 | 10 |
| | LD15 (9.7bar) | 17.1 | | | | | | 12.20 |
| | LD20 (9.0bar) | 25.15 | | | | | | 18.55 |
| | LD25 (8.0bar) | 31.5 | | | | | | 24.90 |
| | LD32 (6.5bar) | 37.8 | | | | | | 31.20 |
| | LD40 (6.0bar) | 44.15 | | | | | | 37.55 |
| | LD45 (5.0bar) | 50.25 | | | | | | 43.55 |
| | LD50 (5.0bar) | 56.85 | | | | | | 50.25 |

| Fittings | Nominal Bore Imperial Pipe | | | | | | | |
|--|----------------------------|-------|------|----|-------|-------|-------|-------|
|  15 - 50mm RX Compression Tapping Saddles 15 - 50mm | PN (bar) | (OD) | (ID) | | | | | |
| | SDR | | 6.3 | 8 | 9 | 12.5 | | |
| | MD'ID' 15 | 17.30 | | 21 | 17 | 15.3 | 11 | |
| | MD'ID' 20 | 25.15 | | | 21.65 | 21.45 | 20.25 | |
| | MD'ID' 25 | 31.50 | | | 28.00 | 27.40 | 27.00 | 25.30 |
| | MD'ID' 32 | 37.75 | | | 33.85 | 32.35 | 30.45 | |
| | MD'ID' 40 | 44.15 | | | 39.65 | 37.85 | 35.65 | |
| | MD'ID' 50 | 60.40 | | | 54.30 | 51.90 | 48.90 | |

| PVC-U 800 Pressure Pipe (Series 1) | | | | | | |
|------------------------------------|-------|--------|--------|--------|--------|--------|
| PN (bar) | (OD) | (ID) | | | | |
| | | 6 | 9 | 12 | 15 | 18 |
| PVCU15 | 21.3 | | | | 18.25 | 17.75 |
| PVCU20 | 26.7 | | | 23.65 | 22.95 | 22.35 |
| PVCU25 | 33.5 | | 30.45 | 29.75 | 28.95 | 28.05 |
| PVCU32 | 42.3 | | 38.45 | 37.45 | 36.35 | 35.35 |
| PVCU40 | 48.3 | 45.15 | 44.05 | 42.75 | 41.55 | 40.45 |
| PVCU50 | 60.4 | 56.75 | 55.15 | 53.65 | 52.15 | 50.45 |
| PVCU65 | 75.4 | 70.95 | 68.85 | 66.95 | 65.05 | 63.15 |
| PVCU80 | 88.7 | 83.70 | 81.30 | 79.00 | 76.70 | 74.60 |
| PVCU100 | 114.3 | 107.80 | 104.60 | 101.70 | 98.80 | 96.00 |
| PVCU125 | 140.2 | 132.20 | 128.40 | 124.90 | 121.30 | 117.70 |
| PVCU150 | 160.3 | 151.25 | 146.85 | 142.65 | 138.65 | 134.65 |
| PVCU175 | 200.3 | 190.05 | 185.15 | 180.55 | 175.95 | 171.45 |
| PVCU200 | 225.3 | 213.80 | 208.50 | 203.10 | 198.00 | 192.90 |
| PVCU225 | 250.4 | 237.65 | 231.65 | 225.75 | 219.95 | 214.35 |
| PVCU250 | 280.4 | 266.20 | 259.40 | 252.90 | 246.40 | 240.10 |
| PVCU300 | 315.4 | 299.45 | 291.95 | 284.45 | 277.25 | 270.15 |
| PVCU350 | 335.5 | 337.50 | 329.00 | 320.60 | 312.50 | 304.50 |
| PVCU375 | 400.5 | 380.30 | 370.70 | 361.20 | 352.00 | 343.00 |
| PVCU400 | 450.5 | 427.80 | 416.90 | 406.40 | 396.00 | 428.70 |
| PVCU450 | 500.5 | 475.30 | 463.30 | 451.40 | 440.00 | |

| PVC-U 1800 Pressure Pipe (Series 2) | | | | | | | |
|-------------------------------------|-------|--------|--------|--------|--------|--------|--------|
| PN (bar) | (OD) | (ID) | | | | | |
| | | 6 | 9 | 12 | 16 | 18 | 20 |
| PVCU100-S2 | 121.9 | | | 108.50 | 104.30 | 102.40 | 100.30 |
| PVCU150-S2 | 177.4 | | | 157.85 | 151.95 | 149.05 | 146.05 |
| PVCU200-S2 | 232.3 | | | 209.35 | 202.25 | 198.65 | 195.25 |
| PVCU225-S2 | 259.3 | 246.05 | 239.75 | 233.65 | 225.65 | 221.85 | 218.05 |
| PVCU250-S2 | 285.8 | 271.70 | 264.80 | 258.10 | 249.20 | 245.00 | 240.80 |
| PVCU300-S2 | 345.4 | 327.95 | 319.55 | 311.35 | 300.85 | | |
| PVCU375-S2 | 426.2 | 404.60 | 394.30 | 384.40 | 371.20 | 385.80 | |
| PVCU450-S2 | 507 | 481.40 | 469.20 | 457.20 | 441.70 | | |

| Conversions | |
|-------------|--------------------------|
| 1 bar | = 100kPa |
| 1 bar | = 14.50psi |
| 1 bar | = 10.20mH ₂ O |
| 1psi | = 6.9kPa |

| PE80 Metric Pipe | | | | | | | | | |
|------------------|-------|--------|--------|-------|--------|--------|--------|--------|-----|
| PN (bar) | (OD) | (ID) | 8 | 9 | 10 | 12.5 | 16 | 20 | |
| SDR | | 6.3 | 21 | 17 | 15.3 | 13.6 | 11 | 9 | 7.4 |
| MD20 | 20.1 | | | 16.65 | | 16.05 | 15.15 | 14.15 | |
| MD25 | 25.2 | | 21.65 | 21.45 | | 20.15 | 19.15 | 17.65 | |
| MD32 | 32.2 | | 28.05 | 27.45 | | 25.95 | 24.45 | 22.75 | |
| MD40 | 40.2 | 36.10 | 35.00 | 34.50 | | 32.30 | 30.60 | 28.50 | |
| MD50 | 50.2 | 45.05 | 43.85 | 43.05 | | 40.45 | 38.35 | 35.65 | |
| MD63 | 63.3 | 56.90 | 55.20 | 54.40 | | 51.00 | 48.20 | 45.10 | |
| MD75 | 75.3 | 67.65 | 65.75 | 64.75 | | 60.95 | 57.55 | 53.55 | |
| MD90 | 90.4 | 81.25 | 78.95 | 77.75 | | 73.05 | 69.05 | 64.45 | |
| MD110 | 110.5 | 99.20 | 96.50 | 95.00 | | 89.40 | 84.50 | 78.60 | |
| MD125 | 125.6 | 112.90 | 109.90 | | 106.10 | 101.50 | 96.10 | 89.50 | |
| MD140 | 140.6 | 126.45 | 123.05 | | 118.85 | 113.85 | 107.55 | 100.15 | |
| MD160 | 160.7 | 144.45 | 140.65 | | 135.85 | 129.95 | 123.05 | 114.65 | |
| MD180 | 180.8 | 162.65 | 158.25 | | 152.75 | 146.25 | 138.45 | 129.05 | |
| MD200 | 200.9 | 180.60 | 175.80 | | 169.90 | 162.50 | 153.70 | 143.40 | |
| MD225 | 226.0 | 203.25 | 197.75 | | 191.05 | 182.85 | 173.15 | 161.25 | |
| MD250 | 251.2 | 226.05 | 219.95 | | 212.35 | 203.35 | 192.45 | 179.15 | |
| MD280 | 281.3 | 253.00 | 246.30 | | 237.90 | 227.80 | 215.40 | 200.70 | |
| MD315 | 316.5 | 284.85 | 277.05 | | 267.55 | 256.25 | 242.35 | 226.05 | |
| MD355 | 356.6 | 321.00 | 311.10 | | 301.60 | 288.80 | 273.30 | 254.60 | |
| MD400 | 401.8 | 361.50 | 351.90 | | 339.90 | 325.40 | 307.80 | 287.00 | |
| MD450 | 452.0 | 406.75 | 395.85 | | 382.35 | 366.05 | 346.45 | 322.75 | |

| Fittings | |
|--|---|
|  | RX Metric 20 - 63mm - 16 bar |
|  | Philmac Metric 20 - 110mm - 16 bar |
|  | Plasim Tapping Saddles 20 - 63mm - 16 bar 75 - 110mm - 10 bar |
|  | Electrofusion 20 - 450mm |
|  | Camlocks 19 - 152mm standard 51/63 - 76/90 Effluent |

| PE100 Metric Pipe | | | | | | | | |
|-------------------|-------|--------|--------|--------|------|--------|--------|--------|
| PN (bar) | (OD) | (ID) | 10 | 12.5 | 16 | 20 | 25 | |
| SDR | | 8 | 21 | 17 | 13.6 | 11 | 9 | 7.4 |
| PE100.20 | 20.1 | | | 16.65 | | 16.05 | 15.15 | 14.15 |
| PE100.25 | 25.2 | | 21.65 | 21.05 | | 20.15 | 19.15 | 17.65 |
| PE100.32 | 32.2 | | 28.05 | 26.95 | | 25.95 | 24.45 | 22.75 |
| PE100.40 | 40.2 | 36.10 | 35.00 | 33.80 | | 32.30 | 30.60 | 28.50 |
| PE100.50 | 50.2 | 45.05 | 43.85 | 42.35 | | 40.45 | 38.35 | 35.65 |
| PE100.63 | 63.3 | 56.90 | 55.20 | 53.30 | | 51.00 | 48.20 | 45.10 |
| PE100.75 | 75.3 | 67.65 | 65.75 | 63.65 | | 60.95 | 57.55 | 53.55 |
| PE100.90 | 90.4 | 81.25 | 78.95 | 76.45 | | 73.05 | 69.05 | 64.45 |
| PE100.110 | 110.5 | 99.20 | 96.50 | 93.30 | | 89.40 | 84.50 | 78.60 |
| PE100.125 | 125.6 | 112.90 | 109.90 | 106.10 | | 101.50 | 96.10 | 89.50 |
| PE100.140 | 140.6 | 126.45 | 123.05 | 118.85 | | 113.85 | 107.55 | 100.15 |
| PE100.160 | 160.7 | 144.45 | 140.65 | 135.85 | | 129.95 | 123.05 | 114.65 |
| PE100.180 | 180.8 | 162.65 | 158.25 | 152.75 | | 146.25 | 138.45 | 129.05 |
| PE100.200 | 200.9 | 180.60 | 175.80 | 169.90 | | 162.50 | 153.70 | 143.40 |
| PE100.225 | 226.0 | 203.25 | 197.75 | 191.05 | | 182.85 | 173.15 | 161.25 |
| PE100.250 | 251.2 | 226.05 | 219.95 | 212.35 | | 203.35 | 192.45 | 179.15 |
| PE100.280 | 281.3 | 253.00 | 246.30 | 237.90 | | 227.80 | 215.40 | 200.70 |
| PE100.315 | 316.5 | 284.85 | 277.05 | 267.55 | | 256.25 | 242.35 | 226.05 |
| PE100.355 | 356.6 | 321.00 | 311.10 | 301.60 | | 288.80 | 273.30 | 254.60 |
| PE100.400 | 401.8 | 361.50 | 351.90 | 339.90 | | 325.40 | 307.80 | 287.00 |
| PE100.450 | 452.0 | 406.75 | 395.85 | 382.35 | | 366.05 | 346.45 | 322.75 |

* For information purposes only. This does not imply that RX manufactures every product size or bar rating shown