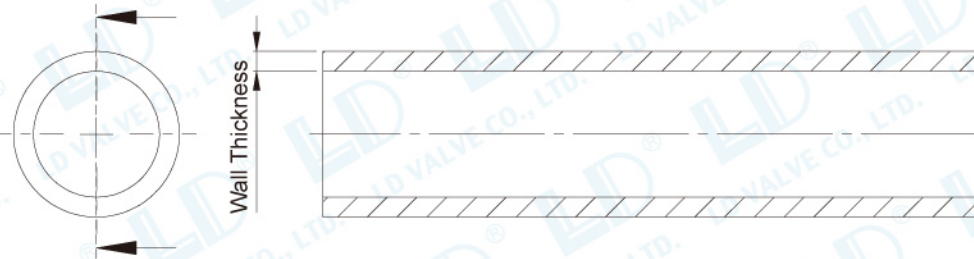


LD-500 INDUSTRIAL ASTM & DIN - PVC/CPVC PIPE

LD Thermoplastic Pipe is Manufactured by the Following Standard Specifications

| TYPE | MATERIAL STD. | DIMENSIONS | CELL CLASSIFICATION |
|------|---------------|----------------------------|------------------------------|
| PVC | ASTM D 1784 | ASTM D 1785 DIN 8061/62 | TYPE I, GRADE 1, PVC 12454 |
| CPVC | ASTM D 1784 | ASTM F 441 DIN 8079/80 | TYPE IV, GRADE 1, CPVC 23447 |



Schedule 80 PVC ASTM D1785 and CPVC ASTM F441 Pipe Dimensions, Weights and Maximum Operation Pressure

| NOMINAL PIPE SIZE | OUTSIDE DIAMETER | | WALL THICKNESS | | APPROX. INSIDE DIAMETER | NOMINAL WEIGHT | | MAX. OPERATING PRESSURE |
|-------------------|------------------|--------|----------------|--------|-------------------------|----------------|-------|-------------------------|
| | | | | | | PVC | CPVC | |
| inch | inch | | inch | | inch | lb/ft | lb/ft | psi |
| 1/2" | 0.840 | ±0.004 | 0.147 | ±0.020 | 0.53 | 0.21 | 0.23 | 850 |
| 3/4" | 1.050 | ±0.004 | 0.154 | ±0.020 | 0.72 | 0.28 | 0.31 | 690 |
| 1" | 1.315 | ±0.005 | 0.179 | ±0.021 | 0.94 | 0.41 | 0.45 | 630 |
| 1-1/4" | 1.660 | ±0.005 | 0.191 | ±0.023 | 1.26 | 0.57 | 0.62 | 520 |
| 1-1/2" | 1.900 | ±0.006 | 0.200 | ±0.024 | 1.48 | 0.69 | 0.76 | 470 |
| 2" | 2.375 | ±0.006 | 0.218 | ±0.026 | 1.91 | 0.96 | 1.05 | 400 |
| 2-1/2" | 2.875 | ±0.007 | 0.276 | ±0.033 | 2.29 | 1.46 | 1.60 | 420 |
| 3" | 3.500 | ±0.008 | 0.300 | ±0.036 | 2.86 | 1.96 | 2.14 | 370 |
| 4" | 4.500 | ±0.009 | 0.337 | ±0.040 | 3.79 | 2.86 | 3.12 | 320 |
| 5" | 5.563 | ±0.010 | 0.375 | ±0.045 | 4.77 | 3.97 | 4.34 | 290 |
| 6" | 6.625 | ±0.011 | 0.432 | ±0.052 | 5.71 | 5.46 | 5.96 | 280 |
| 8" | 8.625 | ±0.015 | 0.500 | ±0.060 | 7.57 | 8.30 | 9.06 | 250 |
| 10" | 10.75 | ±0.015 | 0.593 | ±0.071 | 9.49 | 12.30 | 13.43 | 230 |
| 12" | 12.75 | ±0.015 | 0.687 | ±0.082 | 11.29 | 16.93 | 18.48 | 230 |
| 14" | 14.00 | ±0.015 | 0.750 | ±0.090 | 12.41 | 20.30 | 22.16 | 220 |
| 16" | 16.00 | ±0.019 | 0.843 | ±0.101 | 14.21 | 26.10 | 28.49 | 220 |
| 18" | 18.00 | ±0.019 | 0.937 | ±0.112 | 16.01 | 32.66 | 35.65 | 220 |
| 20" | 20.00 | ±0.023 | 1.031 | ±0.124 | 17.81 | 39.97 | 43.63 | 220 |
| 24" | 24.00 | ±0.031 | 1.218 | ±0.146 | 21.42 | 56.70 | 61.89 | 210 |

PVC DIN 8061/62 and CPVC DIN 8079/80 Pipe Dimensions, Weight and Maximum Operation Pressure

| NOMINAL PIPE SIZE | OUTSIDE DIAMETER | | WALL THICKNESS | | APPROX. INSIDE DIAMETER | NOMINAL WEIGHT | | MAX. OPERATING PRESSURE |
|-------------------|------------------|------|----------------|------|-------------------------|----------------|-------|-------------------------|
| | | | | | | PVC | CPVC | |
| mm | mm | | mm | | mm | lb/ft | lb/ft | psi |
| 20 | 20 | +0.2 | 1.5 | +0.4 | 16.80 | 0.22 | 0.24 | 850 |
| 25 | 25 | +0.2 | 1.9 | +0.4 | 21.00 | 0.29 | 0.33 | 690 |
| 32 | 32 | +0.2 | 2.4 | +0.5 | 26.95 | 0.43 | 0.47 | 630 |
| 40 | 40 | +0.2 | 3.0 | +0.5 | 33.75 | 0.60 | 0.65 | 520 |
| 50 | 50 | +0.2 | 3.7 | +0.6 | 42.30 | 0.72 | 0.80 | 470 |
| 63 | 63 | +0.2 | 4.7 | +0.7 | 53.25 | 1.01 | 1.10 | 400 |
| 75 | 75 | +0.3 | 5.6 | +0.8 | 63.40 | 1.53 | 1.68 | 420 |
| 90 | 90 | +0.3 | 6.7 | +0.9 | 76.15 | 2.06 | 2.25 | 370 |
| 110 | 110 | +0.3 | 8.2 | +1.1 | 93.05 | 3.00 | 3.28 | 320 |
| 125 | 125 | +0.4 | 9.3 | +1.2 | 105.80 | 3.15 | 3.44 | 290 |
| 140 | 140 | +0.4 | 10.4 | +1.3 | 118.55 | 4.17 | 4.56 | 280 |
| 160 | 160 | +0.4 | 11.9 | +1.4 | 135.50 | 5.73 | 6.26 | 280 |
| 180 | 180 | +0.4 | 13.4 | +1.6 | 152.40 | 6.31 | 6.88 | 280 |
| 200 | 200 | +0.4 | 14.9 | +1.7 | 169.35 | 6.94 | 7.57 | 250 |
| 225 | 225 | +0.5 | 16.7 | +1.3 | 190.95 | 8.72 | 9.51 | 250 |
| 250 | 250 | +0.5 | 18.6 | +2.1 | 211.75 | 9.59 | 10.46 | 230 |
| 280 | 280 | +0.6 | 20.8 | +2.3 | 237.25 | 12.92 | 14.10 | 230 |
| 315 | 315 | +0.6 | 23.4 | +2.6 | 266.90 | 17.78 | 19.40 | 220 |
| 355 | 355 | +0.7 | 26.3 | +2.9 | 300.95 | 21.32 | 23.27 | 220 |
| 400 | 400 | +0.7 | 29.7 | +3.2 | 339.00 | 27.41 | 29.91 | 220 |

NOTE: Maximum Operation Pressure is applied to 73°F/22°C.