

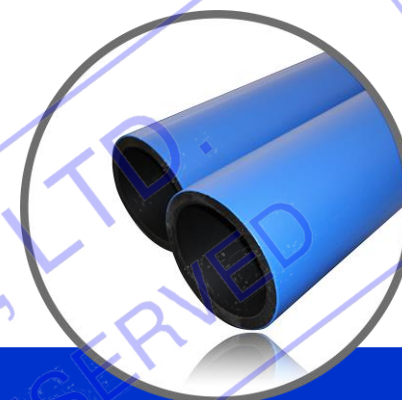
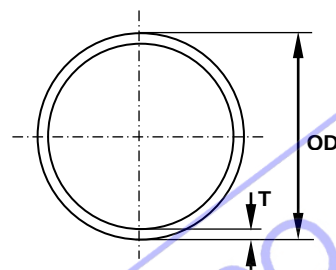


ท่อพอลิเอทิลีน ชนิดความหนาแน่นสูง

สำหรับใช้เป็นท่อน้ำดื่มมาตรฐาน มอก. 982-2556

STANDARD FOR MULTILAYER HIGH-DENSITY

POLYETHYLENE PIPE (2 LAYERS) FOR DRINKING WATER



| ACCORDING TO TIS. 982-2556 |         |       |       |       |        |       |          |       |        |       |        |       |        | PE 100 |  | Hydrostatic Design Stress is 8.0 MPa. |  |
|----------------------------|---------|-------|-------|-------|--------|-------|----------|-------|--------|-------|--------|-------|--------|--------|--|---------------------------------------|--|
| ขนาด<br>OD                 | PN 25   |       | PN 20 |       | PN 16  |       | PN 12.5  |       | PN 10  |       | PN 8   |       | PN 6   |        |  |                                       |  |
|                            | SDR 7.4 |       | SDR 9 |       | SDR 11 |       | SDR 13.6 |       | SDR 17 |       | SDR 21 |       | SDR 26 |        |  |                                       |  |
|                            | T       | W     | T     | W     | T      | W     | T        | W     | T      | W     | T      | W     | T      | W      |  |                                       |  |
| 16                         | 2.3     | 0.10  | 2.0   | 0.09  | -      | -     | -        | -     | -      | -     | -      | -     | -      | -      |  |                                       |  |
| 20                         | 3.0     | 0.16  | 2.3   | 0.13  | 2.0    | 0.12  | -        | -     | -      | -     | -      | -     | -      | -      |  |                                       |  |
| 25                         | 3.5     | 0.24  | 3.0   | 0.21  | 2.3    | 0.17  | 2.0      | 0.15  | -      | -     | -      | -     | -      | -      |  |                                       |  |
| 32                         | 4.4     | 0.39  | 3.6   | 0.33  | 3.0    | 0.28  | 2.4      | 0.23  | 2.0    | 0.19  | -      | -     | -      | -      |  |                                       |  |
| 40                         | 5.5     | 0.61  | 4.5   | 0.51  | 3.7    | 0.43  | 3.0      | 0.36  | 2.4    | 0.29  | 2.0    | 0.25  | -      | -      |  |                                       |  |
| 50                         | 6.9     | 0.94  | 5.6   | 0.79  | 4.6    | 0.67  | 3.7      | 0.55  | 3.0    | 0.45  | 2.4    | 0.37  | 2.0    | 0.31   |  |                                       |  |
| 63                         | 8.6     | 1.48  | 7.1   | 1.27  | 5.8    | 1.06  | 4.7      | 0.88  | 3.8    | 0.72  | 3.0    | 0.58  | 2.5    | 0.49   |  |                                       |  |
| 75                         | 10.3    | 2.11  | 8.4   | 1.78  | 6.8    | 1.48  | 5.6      | 1.24  | 4.5    | 1.02  | 3.6    | 0.83  | 2.9    | 0.67   |  |                                       |  |
| 90                         | 12.3    | 3.03  | 10.1  | 2.57  | 8.2    | 2.14  | 6.7      | 1.78  | 5.4    | 1.47  | 4.3    | 1.19  | 3.5    | 0.98   |  |                                       |  |
| 110                        | 15.1    | 4.54  | 12.3  | 3.81  | 10.0   | 3.17  | 8.1      | 2.64  | 6.6    | 2.18  | 5.3    | 1.78  | 4.2    | 1.44   |  |                                       |  |
| 125                        | 17.1    | 5.84  | 14.0  | 4.93  | 11.4   | 4.12  | 9.2      | 3.40  | 7.4    | 2.78  | 6.0    | 2.28  | 4.8    | 1.85   |  |                                       |  |
| 140                        | 19.2    | 7.34  | 15.7  | 6.18  | 12.7   | 5.13  | 10.3     | 4.26  | 8.3    | 3.49  | 6.7    | 2.85  | 5.4    | 2.33   |  |                                       |  |
| 160                        | 21.9    | 9.55  | 17.9  | 8.05  | 14.6   | 6.73  | 11.8     | 5.56  | 9.5    | 4.56  | 7.7    | 3.74  | 6.2    | 3.06   |  |                                       |  |
| 180                        | 24.6    | 12.07 | 20.1  | 10.18 | 16.4   | 8.51  | 13.3     | 7.05  | 10.7   | 5.76  | 8.6    | 4.70  | 6.9    | 3.81   |  |                                       |  |
| 200                        | 27.4    | 14.93 | 22.4  | 12.59 | 18.2   | 10.50 | 14.7     | 8.65  | 11.9   | 7.11  | 9.6    | 5.83  | 7.7    | 4.73   |  |                                       |  |
| 225                        | 30.8    | 18.87 | 25.2  | 15.93 | 20.5   | 13.29 | 16.6     | 10.98 | 13.4   | 9.02  | 10.8   | 7.36  | 8.6    | 5.94   |  |                                       |  |
| 250                        | 34.2    | 23.30 | 27.9  | 19.58 | 22.7   | 16.34 | 18.4     | 13.53 | 14.8   | 11.06 | 11.9   | 9.01  | 9.6    | 7.36   |  |                                       |  |
| 280                        | 38.3    | 29.21 | 31.3  | 24.62 | 25.4   | 20.49 | 20.6     | 16.95 | 16.6   | 13.89 | 13.4   | 11.38 | 10.7   | 9.18   |  |                                       |  |

การแสดงเครื่องหมายและฉลาก :



TIS 982-2556 Ø 280 mm. X 25.4 mm. PN 16 SDR 11 PE 100 =801001=

ต่อหน้า 2

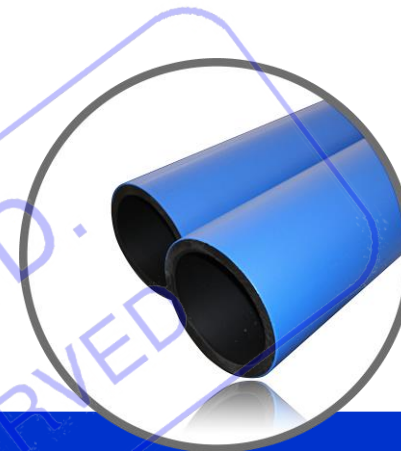
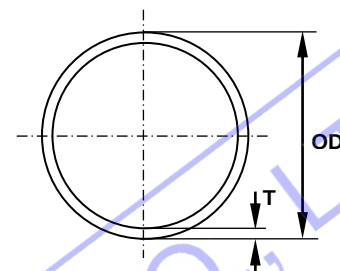


ท่อพอลิเอทิลีน ชนิดความหนาแน่นสูง

สำหรับใช้เป็นท่อน้ำดื่มมาตรฐาน มอก. 982-2556

STANDARD FOR MULTILAYER HIGH-DENSITY

POLYETHYLENE PIPE (2 LAYERS) FOR DRINKING WATER



ACCORDING TO TIS.982-2556

PE 100

Hydrostatic Design Stress is 8.0 MPa.

| ขนาด<br>OD | PN 25   |       | PN 20 |        | PN 16  |        | PN 12.5  |        | PN 10  |        | PN 8   |        | PN 6   |        | PN 5   |        | PN 4   |        |
|------------|---------|-------|-------|--------|--------|--------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|            | SDR 7.4 |       | SDR 9 |        | SDR 11 |        | SDR 13.6 |        | SDR 17 |        | SDR 21 |        | SDR 26 |        | SDR 33 |        | SDR 41 |        |
|            | T       | W     | T     | W      | T      | W      | T        | W      | T      | W      | T      | W      | T      | W      | T      | W      | T      | W      |
| 315        | 43.1    | 36.98 | 35.2  | 31.14  | 28.6   | 25.93  | 23.2     | 21.48  | 18.7   | 17.59  | 15.0   | 14.30  | 12.1   | 11.70  | 9.7    | 9.45   | 7.7    | 7.56   |
| 355        | 48.5    | 46.89 | 39.7  | 39.56  | 32.2   | 32.92  | 26.1     | 27.24  | 21.1   | 22.39  | 16.9   | 18.15  | 13.6   | 14.78  | 10.9   | 11.95  | 8.7    | 9.62   |
| 400        | 54.7    | 59.56 | 44.7  | 50.17  | 36.3   | 41.80  | 29.4     | 34.54  | 23.7   | 28.30  | 19.1   | 23.15  | 15.3   | 18.75  | 12.3   | 15.21  | 9.8    | 12.20  |
| 450        | 61.5    | 75.34 | 50.3  | 63.53  | 40.9   | 52.93  | 33.1     | 43.75  | 26.7   | 35.85  | 21.5   | 29.27  | 17.2   | 23.70  | 13.8   | 19.16  | 11.0   | 15.38  |
| 500        | -       | -     | 55.8  | 78.28  | 45.4   | 65.31  | 36.8     | 53.99  | 29.7   | 44.30  | 23.9   | 36.11  | 19.1   | 29.24  | 15.3   | 23.63  | 12.3   | 19.14  |
| 560        | -       | -     | 62.5  | 98.21  | 50.8   | 81.81  | 41.2     | 67.73  | 33.2   | 55.49  | 26.7   | 45.20  | 21.4   | 36.65  | 17.2   | 29.74  | 13.7   | 23.84  |
| 630        | -       | -     | 70.3  | 124.28 | 57.2   | 103.66 | 46.3     | 85.61  | 37.4   | 70.28  | 30.0   | 57.10  | 24.1   | 46.44  | 19.3   | 37.52  | 15.4   | 30.16  |
| 710        | -       | -     | 79.3  | 158.24 | 64.5   | 131.90 | 52.2     | 108.95 | 42.1   | 89.33  | 33.9   | 72.82  | 27.2   | 59.13  | 21.8   | 47.76  | 17.4   | 38.44  |
| 800        | -       | -     | 89.3  | 200.78 | 72.6   | 167.28 | 58.8     | 138.20 | 47.4   | 113.27 | 38.1   | 92.30  | 30.6   | 74.88  | 24.5   | 60.50  | 19.6   | 48.74  |
| 900        | -       | -     | -     | -      | 81.7   | 211.74 | 66.1     | 174.85 | 53.3   | 143.29 | 42.9   | 116.79 | 34.4   | 95.09  | 27.6   | 76.63  | 22.0   | 61.48  |
| 1000       | -       | -     | -     | -      | 90.8   | 261.43 | 73.4     | 215.67 | 59.3   | 177.09 | 47.7   | 144.29 | 38.2   | 116.87 | 30.6   | 93.96  | 24.5   | 76.13  |
| 1200       | -       | -     | -     | -      | -      | -      | 88.2     | 310.94 | 71.1   | 254.78 | 57.2   | 207.67 | 45.9   | 168.32 | 36.7   | 135.78 | 29.4   | 109.59 |
| 1400       | -       | -     | -     | -      | -      | -      | 102.9    | 423.04 | 83.0   | 346.94 | 66.7   | 282.38 | 53.5   | 228.94 | 42.9   | 185.08 | 34.3   | 149.13 |
| 1600       | -       | -     | -     | -      | -      | -      | 117.5    | 552.17 | 94.8   | 452.67 | 76.2   | 368.76 | 61.2   | 299.32 | 49.0   | 241.54 | 39.2   | 194.75 |
| 1800       | -       | -     | -     | -      | -      | -      | -        | -      | 106.6  | 572.67 | 85.8   | 466.90 | 68.8   | 378.35 | 55.1   | 305.77 | 44.0   | 245.93 |
| 2000       | -       | -     | -     | -      | -      | -      | -        | -      | 118.4  | 706.76 | 95.3   | 576.33 | 76.4   | 466.91 | 61.2   | 377.27 | 48.9   | 303.36 |

หมายเหตุ : (Remarks)

- OD = ขนาดเส้นผ่านศูนย์กลางภายนอก: มม. (Outside diameter : mm.) PN = ชั้นแรงดัน: บาร์ (Nominal pressure: bar)  
T= ความหนาผนังท่อ: มม. (Wall thickness : mm.) W = น้ำหนักท่อต่อเมตร: กก./ม. (Weight per meter of pipe: kg/m.)  
SDR = อัตราส่วนขนาดเส้นผ่านศูนย์กลางท่อต่อความหนา (Standard dimension ratio = D/T)
- น้ำหนักท่อได้จากการคำนวณ (Weight per meter of pipe based on calculations.)
- บริษัทฯ ขอสงวนสิทธิ์ในการปรับขนาด เพื่อความเหมาะสมทางด้านเทคนิคการผลิต  
(We reserved amendments of measures for improvements and adjusts to the level of techniques.)

TAP "ท่อน้ำดื่ม" HDPE

TIS 982-2556 Ø 2000 mm. X 95.3 mm. PN 8 SDR 21 PE 100 =801001=