



**SILVERPLASTIC**  
TUBERIAS Y CONEXIONES

# LISO (polietileno alta densidad) TUBO PEAD



- TUBO POLIETILENO DE ALTA DENSIDAD LISO
- LINEA AZUL (AGUA POTABLE)
- DIÁMETROS DE 1/2" a 48"
- LONGITUD DE TRAMO 6 y 12mts
- ROLLO 100mts EN DIAMETROS DE 1/2" a 3"
- RD'S = 9, 11, 13.5, 15.5, 17, 21, 26, 32.5, 41.
- RESINA PE4710
- NMX-E-018-CNCP-2012

## VENTAJAS

- SUPERFICIE INTERIOR LISA QUE MANTIENE LIBRE DE SEDIMENTOS A LA TUBERÍA
- RESISTENTE A LA ABRASIÓN
- MATERIAL LIGERO, DE FÁCIL TRANSPORTACIÓN E INSTALACIÓN
- VIDA ÚTIL DE MÍNIMO 70 AÑOS
- EXCELENTE PARA EL MANEJO DE AGUA POTABLE
- CONTIENE "NEGRO DE HUMO" QUE LO HACE RESISTENTE A LOS RAYOS UV
- BAJOS COSTOS DE MANTENIMIENTO
- RESISTENTE A IMPACTOS
- RESISTENCIA QUÍMICA EN ACIDOS, SOLVENTES SALES
- DEBIDO A QUE SU UNIÓN ES POR MEDIO DE TERMOFUSIÓN ES 100% HERMÉTICA
- GRACIAS A SU FLEXIBILIDAD ES RESISTENTE AL MOVIMIENTO DEL SUELO Y A LA ACTIVIDAD SÍSMICA
- LA UNIÓN SE EFECTUA MEDIANTE TERMOFUSIÓN

# LISO (polietileno alta densidad)

## TUBO PEAD



## USOS

- REDES DE AGUA POTABLE
- SISTEMAS VS INCENDIO
- REDES DE AGUA RESIDUAL
- ALCANTARILLADO
- ETC

| RELACION RD                   |                        | RD 7.0       |             | RD 7.3       |             | RD 9         |             | RD 11        |             | RD 13.5      |             | RD 15.5      |             | RD 17        |             | RD 21        |             | RD 26        |             | RD 32.5      |             | RD 41        |             |
|-------------------------------|------------------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|
| Presión de Trabajo            | kg/cm <sup>2</sup>     | 23           |             | 22           |             | 17           |             | 14           |             | 11           |             | 10           |             | 9            |             | 7            |             | 6            |             | 4            |             | 3            |             |
|                               | Psi                    | 327          |             | 313          |             | 242          |             | 199          |             | 157          |             | 142          |             | 128          |             | 100          |             | 85           |             | 57           |             | 43           |             |
| Díámetro Nominal (Dn) (Pulg.) | Díámetro Exterior (mm) | ESPESOR (mm) | PESO (Kg/m) | ESPESOR (mm) | PESO (Kg/m) | ESPESOR (mm) | PESO (Kg/m) | ESPESOR (mm) | PESO (Kg/m) | ESPESOR (mm) | PESO (Kg/m) | ESPESOR (mm) | PESO (Kg/m) | ESPESOR (mm) | PESO (Kg/m) | ESPESOR (mm) | PESO (Kg/m) | ESPESOR (mm) | PESO (Kg/m) | ESPESOR (mm) | PESO (Kg/m) | ESPESOR (mm) | PESO (Kg/m) |
| 1/2"                          | 21.3                   | 3.0          | 0.17        | 2.9          | 0.17        | 2.4          | 0.14        | 1.9          | 0.12        | 1.6          | 0.10        | ---          | ---         | ---          | ---         | ---          | ---         | ---          | ---         | ---          | ---         | ---          | ---         |
| 3/4"                          | 26.7                   | 3.8          | 0.27        | 3.7          | 0.27        | 3.0          | 0.22        | 2.4          | 0.18        | 2.0          | 0.15        | ---          | ---         | ---          | ---         | ---          | ---         | ---          | ---         | ---          | ---         | ---          | ---         |
| 1"                            | 33.4                   | 4.8          | 0.43        | 4.6          | 0.42        | 3.7          | 0.34        | 3.1          | 0.29        | 2.5          | 0.24        | ---          | ---         | ---          | ---         | ---          | ---         | ---          | ---         | ---          | ---         | ---          | ---         |
| 1 1/4"                        | 42.2                   | 6.0          | 0.68        | 5.8          | 0.66        | 4.7          | 0.55        | 3.8          | 0.46        | 3.1          | 0.38        | 2.7          | 0.33        | 2.5          | 0.31        | ---          | ---         | ---          | ---         | ---          | ---         | ---          | ---         |
| 1 1/2"                        | 48.3                   | 6.9          | 0.90        | 6.6          | 0.86        | 5.4          | 0.73        | 4.4          | 0.61        | 3.6          | 0.50        | 3.1          | 0.44        | 2.8          | 0.40        | ---          | ---         | ---          | ---         | ---          | ---         | ---          | ---         |
| 2"                            | 60.3                   | 8.6          | 1.39        | 8.3          | 1.35        | 6.7          | 1.13        | 5.5          | 0.94        | 4.5          | 0.79        | 3.9          | 0.69        | 3.6          | 0.64        | 2.9          | 0.52        | ---          | ---         | ---          | ---         | ---          | ---         |
| 2 1/2"                        | 73.0                   | 10.4         | 2.04        | 10.0         | 1.97        | 8.1          | 1.65        | 6.6          | 1.37        | 5.4          | 1.14        | 4.7          | 1.01        | 4.3          | 0.93        | 3.5          | 0.76        | 2.8          | 0.62        | ---          | ---         | ---          | ---         |
| 3"                            | 88.9                   | 12.7         | 3.03        | 12.2         | 2.93        | 9.9          | 2.45        | 8.1          | 2.05        | 6.6          | 1.70        | 5.7          | 1.49        | 5.2          | 1.36        | 4.2          | 1.11        | 3.4          | 0.91        | 2.7          | 0.73        | ---          | ---         |
| 4"                            | 114.3                  | 16.3         | 5.01        | 15.7         | 4.85        | 12.7         | 4.04        | 10.4         | 3.39        | 8.5          | 2.82        | 7.4          | 2.48        | 6.7          | 2.26        | 5.4          | 1.84        | 4.4          | 1.52        | 3.5          | 1.22        | 2.8          | 0.98        |
| 6"                            | 168.3                  | 24.0         | 10.85       | 23.1         | 10.51       | 18.7         | 8.77        | 15.3         | 7.34        | 12.5         | 6.10        | 10.8         | 5.33        | 9.9          | 4.91        | 8.0          | 4.02        | 6.5          | 3.30        | 5.2          | 2.66        | 4.1          | 2.11        |
| 8"                            | 219.1                  | 31.3         | 18.42       | 30.0         | 17.78       | 24.3         | 14.83       | 19.9         | 12.42       | 16.2         | 10.30       | 14.1         | 9.06        | 12.9         | 8.34        | 10.4         | 6.80        | 8.4          | 5.55        | 6.7          | 4.46        | 5.3          | 3.55        |
| 10"                           | 273.1                  | 39.0         | 28.61       | 37.4         | 27.62       | 30.3         | 23.05       | 24.8         | 19.30       | 20.2         | 16.01       | 17.6         | 14.09       | 16.1         | 12.97       | 13.0         | 10.60       | 10.5         | 8.64        | 8.4          | 6.97        | 6.7          | 5.59        |
| 12"                           | 323.8                  | 46.3         | 40.26       | 44.4         | 38.88       | 36.0         | 32.47       | 29.4         | 27.12       | 24.0         | 22.55       | 20.9         | 19.84       | 19.1         | 18.24       | 15.4         | 14.88       | 12.5         | 12.19       | 10.0         | 9.83        | 7.9          | 7.82        |
| 14"                           | 355.6                  | 50.8         | 48.52       | 48.7         | 46.84       | 39.5         | 39.13       | 32.3         | 32.72       | 26.3         | 27.14       | 22.9         | 23.88       | 20.9         | 21.92       | 16.9         | 17.94       | 13.7         | 14.68       | 10.9         | 11.77       | 8.7          | 9.46        |
| 16"                           | 406.4                  | 58.1         | 63.42       | 55.8         | 61.31       | 45.2         | 51.16       | 37.0         | 42.83       | 30.1         | 35.49       | 26.2         | 31.22       | 23.9         | 28.65       | 19.4         | 23.53       | 15.6         | 19.10       | 12.5         | 15.43       | 9.9          | 12.30       |
| 18"                           | 457.2                  | 65.3         | 80.20       | 62.6         | 77.41       | 50.8         | 64.70       | 41.6         | 54.18       | 33.9         | 44.97       | 29.5         | 39.54       | 26.9         | 36.27       | 21.8         | 29.74       | 17.6         | 24.25       | 14.1         | 19.58       | 11.2         | 15.65       |
| 20"                           | 508.0                  | 72.6         | 99.06       | ---          | ---         | 56.4         | 79.82       | 46.2         | 66.86       | 37.6         | 55.43       | 32.8         | 48.84       | 29.9         | 44.80       | 24.2         | 36.69       | 19.5         | 29.85       | 15.6         | 24.07       | 12.4         | 19.26       |
| 22"                           | 558.8                  | 79.8         | 119.78      | ---          | ---         | ---          | ---         | 50.8         | 80.87       | 41.4         | 67.13       | 36.0         | 58.98       | 32.9         | 54.22       | 26.6         | 44.36       | 21.5         | 36.20       | 17.2         | 29.19       | 13.6         | 23.24       |
| 24"                           | 609.6                  | 87.1         | 142.62      | ---          | ---         | ---          | ---         | 55.4         | 96.21       | 45.2         | 79.94       | 39.3         | 70.24       | 35.9         | 64.54       | 29.0         | 52.76       | 23.4         | 42.99       | 18.7         | 34.63       | 14.9         | 27.77       |
| 26"                           | 660.4                  | ---          | ---         | ---          | ---         | ---          | ---         | 60.0         | 112.89      | 48.9         | 93.71       | 42.6         | 82.47       | 38.8         | 75.58       | 31.4         | 61.89       | 25.4         | 50.54       | 20.3         | 40.72       | 16.1         | 32.51       |
| 28"                           | 711.2                  | ---          | ---         | ---          | ---         | ---          | ---         | ---          | ---         | 52.7         | 108.75      | 45.9         | 95.70       | 41.8         | 87.69       | 33.9         | 71.95       | 27.4         | 58.71       | 21.9         | 47.31       | 17.3         | 37.62       |
| 30"                           | 762.0                  | ---          | ---         | ---          | ---         | ---          | ---         | 69.3         | 150.43      | 56.4         | 124.71      | 49.1         | 109.69      | 44.8         | 100.69      | 36.3         | 82.55       | 29.3         | 67.28       | 23.4         | 54.16       | 18.6         | 43.33       |
| 32"                           | 812.8                  | ---          | ---         | ---          | ---         | ---          | ---         | ---          | ---         | 60.2         | 141.98      | 52.5         | 125.09      | 47.1         | 113.02      | 38.7         | 93.88       | 31.3         | 76.65       | 25.0         | 61.72       | 19.8         | 49.20       |
| 34"                           | 863.6                  | ---          | ---         | ---          | ---         | ---          | ---         | ---          | ---         | 64.0         | 160.37      | 55.7         | 141.02      | 50.8         | 129.39      | 41.1         | 105.94      | 33.2         | 86.40       | 26.6         | 69.77       | 21.1         | 55.71       |
| 36"                           | 914.4                  | ---          | ---         | ---          | ---         | ---          | ---         | 83.1         | 216.48      | 67.7         | 179.63      | 59.0         | 158.16      | 53.8         | 145.09      | 43.5         | 118.72      | 35.2         | 96.98       | 28.1         | 78.05       | 22.3         | 62.34       |
| 40"                           | 1016.0                 | ---          | ---         | ---          | ---         | ---          | ---         | ---          | ---         | 75.3         | 221.98      | 65.5         | 195.10      | 59.8         | 179.19      | 48.4         | 146.76      | 39.1         | 119.70      | 31.3         | 96.59       | 24.8         | 77.03       |
| 42"                           | 1066.8                 | ---          | ---         | ---          | ---         | ---          | ---         | ---          | ---         | 79.0         | 244.55      | 68.8         | 215.17      | 62.8         | 197.59      | 50.8         | 161.74      | 41.0         | 131.80      | 32.8         | 106.28      | 26.0         | 84.80       |
| 48"                           | 1219.2                 | ---          | ---         | ---          | ---         | ---          | ---         | ---          | ---         | 90.3         | 319.45      | 78.7         | 281.28      | 71.7         | 257.83      | 58.1         | 211.40      | 46.9         | 172.30      | 37.5         | 138.87      | 29.7         | 110.71      |