

# IPOTEC

*Innovation in Polymer Technology*

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## Natural Translucent Silicone Rubber Pressure Hose with Braided Polyester Yarn Reinforcement

### Standard Sizes

Standard tolerances on inside diameter: ISO 3302-1 Class E2

| Ipotec Part No. | Nominal Size | Inside Diameter |       | Total Wall |      | Approx Outside Dia. |       | Std. Coil (ft) | * Burst Pressure |       | Minimum Bend Radius |      |
|-----------------|--------------|-----------------|-------|------------|------|---------------------|-------|----------------|------------------|-------|---------------------|------|
|                 |              | (in)            | (mm)  | (in)       | (mm) | (in)                | (mm)  |                | (psi)            | (Mpa) | (in)                | (mm) |
| SPH00111        | 1/16         | 0.063           | 1.60  | 0.125      | 3.20 | 0.313               | 8.00  | 100            | 870              | 6.0   | 1.0                 | 25   |
| SPH00211        | 1/8          | 0.125           | 3.20  | 0.125      | 3.20 | 0.375               | 9.50  | 100            | 780              | 5.4   | 1.2                 | 30   |
| SPH00311        | 3/16         | 0.188           | 4.80  | 0.125      | 3.20 | 0.438               | 11.10 | 100            | 650              | 4.5   | 1.6                 | 40   |
| SPH00411        | 1/4          | 0.250           | 6.40  | 0.156      | 4.00 | 0.563               | 14.30 | 100            | 520              | 3.6   | 2.0                 | 50   |
| SPH00511        | 5/16         | 0.313           | 8.00  | 0.140      | 3.50 | 0.594               | 15.00 | 100            | 480              | 3.3   | 2.4                 | 60   |
| SPH00611        | 3/8          | 0.375           | 9.50  | 0.148      | 3.80 | 0.672               | 17.10 | 100            | 450              | 3.1   | 2.8                 | 70   |
| SPH00711        | 1/2          | 0.500           | 12.70 | 0.156      | 4.00 | 0.813               | 20.70 | 50             | 390              | 2.7   | 3.2                 | 80   |
| SPH00811        | 5/8          | 0.625           | 15.90 | 0.180      | 4.60 | 0.984               | 25.00 | 50             | 360              | 2.5   | 4.0                 | 100  |
| SPH00911        | 3/4          | 0.750           | 19.10 | 0.188      | 4.80 | 1.125               | 28.60 | 50             | 330              | 2.3   | 6.0                 | 150  |
| SPH01011        | 7/8          | 0.875           | 22.20 | 0.188      | 4.80 | 1.250               | 31.80 | 50             | 260              | 1.8   | 6.6                 | 170  |
| SPH01111        | 1            | 1.000           | 25.40 | 0.188      | 4.80 | 1.375               | 34.90 | 50             | 200              | 1.4   | 7.2                 | 185  |

*Burst pressures are typical results obtained at 70 F (20 C). The figures are approximate and provided for comparison only and do not constitute a specification. An adequate safety allowance (minimum 3:1) must be made in determining maximum working pressure.*