



IS Series

Premium Heavy Duty PVC Water Discharge Hose

General Applications:

- Agriculture
- Construction
- Industrial
- Mining
- Quarry

Construction:

Spiral homogeneous PVC construction is ideal for agriculture and mining applications, and provides for minimal elongation.

Service Temperature Range:

-5°F (-20°C) to +170°F (+76°C)

Features and Advantages:

- **Durable PVC Material** – Provides good abrasion, chemical and UV resistance.
- **Premium Heavy Duty Construction** – Our most durable PVC layflat hose. Designed for applications requiring higher working pressures.
- **MSHA Accepted** – Hose accepted by United States Dept. of Labor's Mine Safety and Health Administration as having met the Interim Fire Criteria Acceptance of Products Taken Into Underground Mines, acceptance no. IC-218/3.
- **UV Resistant** – Hose resists damage that can result from exposure to UV light, allowing for prolonged outdoor use.
- **Smooth PVC Tube** – Provides low friction loss.
- **PVC Cores** – Hoses coiled around durable PVC cores providing for easy unwinding.
- **Compact Design** – Flat hose design rolls up into tight coils for easy storage and transport, takes up less space than other hoses.

Note: Longer lengths available by special order.

Nominal Specifications

| Series Number | Size | | Hose ID | | Wall Thickness (in) | Working Pressure (psi) at 68°F | Burst Pressure (psi) at 68°F | Coil Length (ft) | Weight (lbs/ft) |
|---------------|-------|-------|---------|-------|---------------------|--------------------------------|------------------------------|------------------|-----------------|
| | (in) | (mm) | (in) | (mm) | | | | | |
| IS150 | 1 1/2 | 38.1 | 1.610 | 40.9 | 0.087 | 150 | 450 | 300 | 0.23 |
| IS200 | 2 | 50.8 | 2.090 | 53.1 | 0.091 | 150 | 450 | 300 | 0.32 |
| IS250 | 2 1/2 | 63.5 | 2.579 | 65.5 | 0.095 | 150 | 450 | 300 | 0.41 |
| IS300 | 3 | 76.2 | 3.090 | 78.5 | 0.098 | 150 | 450 | 300 | 0.52 |
| IS400 | 4 | 101.6 | 4.098 | 104.1 | 0.110 | 125 | 375 | 300 | 0.76 |
| IS600 | 6 | 152.4 | 6.161 | 156.5 | 0.118 | 115 | 345 | 300 | 1.21 |
| IS800 | 8 | 203.2 | 8.150 | 207.0 | 0.122 | 70 | 210 | 300/100 | 1.62 |
| IS1000 | 10 | 254.0 | 10.120 | 257.0 | 0.130 | 65 | 195 | 100 | 1.95 |

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

