



**MSHA  
Accepted**

**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.

