

Flexible PVC Pipe - I.P.S.

## HOW IS FLEXIBLE PVC PIPE USED

Vartek's Flexible PVC Pipe is designed for use with risers or swing risers. The construction of VarTek's Flexible PVC Pipe is comprised of a flexible PVC component and a rigid PVC component which makes handling easier in warm or cold climates. The rigid reinforcement allows the pipe to make tight bends without kinking or breaking. When properly installed, the product is nearly indestructible. Vartek's Flexible PVC Pipe can be readily assembled with standard schedule 40 PVC fittings using flexible PVC to rigid PVC glues.

Flexible PVC Pipe comes in sizes of 1/2", 3/4" and 1" I.P.S. (Iron Pipe Size). I.P.S. Flexible PVC Pipe is available in coils of 100' in 1/2" and 3/4" sizes, and in 50' coils of 1". Pre-cut lengths of Flexible PVC are also available in a wide range of sizes.

VarTek's I.P.S. Vinyl Pipe offers the irrigation system much more flexibility, durability, shock resistance, and ultra-violet resistance than standard rigid PVC pipe can provide.

### Note:

Flexible PVC Pipe should be used only on irrigation water systems and downstream of irrigation control valves. Flexible PVC Pipe is not recommended for use in applications involving high heat, high pressure, or constant pressure situations.



## APPLICATIONS

- To make the most durable flexible risers
- To make flexible swing joints
- To easily and inexpensively repair breaks in rigid PVC pipe
- To easily route under or over obstacles that would usually require multiple cuts of rigid PVC pipe (use fewer fittings, less gluing, less hassle)
- Where design considerations might require low flow, low pressure laterals to be snaked or looped
- To carry irrigation water to interior and exterior planters, arbors, waterfalls, etc.

## FRICITION LOSS CHARACTERISTICS

Size/Pallet Count	GPM	Loss/CFT (PSI)	Velocity
1/2" 7,200 ft per pallet	2	2.42	2.74
	4	10.52	5.48
	6	22.26	8.22
	8	37.92	10.95
3/4" 5,600 ft per pallet	2	.66	1.48
	4	2.36	2.97
	6	5.00	4.45
	8	8.52	5.93
	10	12.88	7.41
1" 2,800 ft per pallet	6	1.46	2.67
	8	2.48	3.57
	10	3.74	4.46
	12	5.24	5.35
	14	6.96	6.24

**QUALITY IS NEVER AN ACCIDENT; IT IS ALWAYS THE RESULT OF HIGH INTENTION, SINCERE EFFORT, INTELLIGENT DIRECTION AND SKILLFUL EXECUTION.**

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