



Algae Resistant

# IPS PVC Flex Hose



## Ideal for Agricultural and Ornamental Landscape Applications

**Landscape Products Algae Resistant IPS PVC Flex Hose is manufactured in the United States using premium grade resins and with the highest quality standards.** This heavy-duty flex hose provides more flexibility and shock resistance than rigid PVC pipe. It's heavy wall tubing is ideal for agricultural, as well as ornamental landscape applications.

Common uses include flexible swing joints, hanging assemblies and risers to connect a submain to a lateral. With IPS Flex hose, it is easy and inexpensive to maneuver around, over and under landscape obstacles. It's also suitable for quick, easy and affordable repairs of PVC pipe.



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## Features

- Available in 1/2-inch, 3/4-inch and 1-inch IPS (Iron Pipe Size).
- 100-foot coils are available in 1/2-inch, 3/4-inch and 1-inch.
- Pre-cut 48-inch lengths are available in 1/2-inch, 3/4-inch models.
- All products are available in pre-cut lengths on minimum orders.
- Algaecide resin compound is extruded as an integral component in the pipe to provide long term resistance to algae growth that can be demonstrated with ASTM E1428 and ASTM G21 test methods.
- Landscape Products IPS flex hose conforms to ASTM D-2287 for flexibility.
- Used with Schedule 40 PVC fitting. For best adhesion, it is recommended that Weld-On® 795™ Flex PVC or equal be used for installation.

## For more information or to find a distributor, contact:

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Landscape Products Algae Resistant IPS PVC Flex Hose was tested independently by the Center for Irrigation Technology at Fresno State University. Testing was to determine burst strength according to ASTM D-1599 at 73 degrees Fahrenheit for 1/2-inch, 3/4-inch and 1-inch models.

### Important Notes:

- Not recommended for use in constant pressure situations and maximum operating pressure should not exceed 60 PSI at 73 degrees Fahrenheit.
- Not for use with hot water or to be exposed to high heat.
- Landscape Products, Inc. assumes no responsibility for product failure if LP IPS hose is used outside the guidelines noted above.

### Specifications

Item Number	Description	Outside Diameter	Wall Thickness*	Inside Diameter	Weight Coil/ Bundle
01003805	1/2" x 48" AR IPS PVC Flex Hose	0.84"	0.147"	0.546"	20.75 lbs/25 pcs.
01003810	1/2" x 100' AR IPS PVC Flex Hose	0.84"	0.147"	0.546"	20.5 lbs.
01003815	3/4" x 48" AR IPS PVC Flex Hose	1.05"	0.154"	0.742"	28.56 lbs/25 pcs.
01003820	3/4" x 100' AR IPS PVC Flex Hose	1.05"	0.154"	0.154"	28.56 lbs
01003830	1" x 100' AR IPS PVC Flex Hose	1.315"	0.179"	0.957"	43.0 lbs

\* The LP hose minimum wall thickness is in compliance with ASTM D-2122

### IPS Friction Loss Chart

GPM	1/2" IPS Hose		3/4" IPS Hose		1" IPS Hose	
	Loss/100' (PSI)	Velocity (fps)	Loss/100' (PSI)	Velocity (fps)	Loss/100' (PSI)	Velocity (fps)
2	2.42	2.74	0.66	1.48		
4	10.52	5.48	2.36	2.97		
6	22.26	8.22	5.00	4.45	1.46	2.67
8			8.52	5.93	2.48	3.57
10			12.88	7.41	3.74	4.46
12					5.24	5.35
14					6.96	6.24