

## SPECIFICATION

### ***IH SERIES FLEXIBLE RISER***

#### **Part # GIHXX**

The subject non-rigid vinyl-chloride 1/2" irrigation hose(3/8" IPS) is to be extruded from integrally algae-resistant poly-vinyl chloride (PVC) resin conforming to ASTM Designation D2287 with the following characteristics:

|                                       |                                       |
|---------------------------------------|---------------------------------------|
| Durometer Hardness (A Scale)<br>D2240 | - 88 to 94 tested per ASTM Method     |
| Specific Gravity, nominal<br>D792(A)  | - 1.40 to 1.44 tested per ASTM Method |
| Tensile Strength, minimum<br>D412     | - 1,800 psi tested per ASTM Method    |
| Brittleness Temp., maximum<br>D746(A) | - 15 C tested per ASTM Method         |

The IH Series is available in any length required. The "XX" designates the position within the part number where the length (in inches) should be inserted.

The hose to be uniformly black in color, homogeneous throughout and smooth inside and outside, free from foreign materials, cracks, holes, dents, wrinkles and blisters. The shape must remain concentric for proper contact with the fittings.

The rigid vinyl-chloride fittings are to be BLACK in color and 1/2" Irrigation size(3/8") slip x 1/2" threaded. The solvent used to weld the hose and fittings together must meet the designation by GPH to conform with the assembly process. A thorough coating of primer (# P-70) shall be used to conform with proper welding techniques. GPH's proprietary engineered assembly machine shall be used to ensure and test a quality interface between the hose and the fittings.

