

## **RICHLAND DRAINAGE PIPE SPECIFICATION**

### **Scope**

This specification describes 2-inc (50 mm) Richland pipe for use in recreational turf drainage applications.

### **Pipe Requirements**

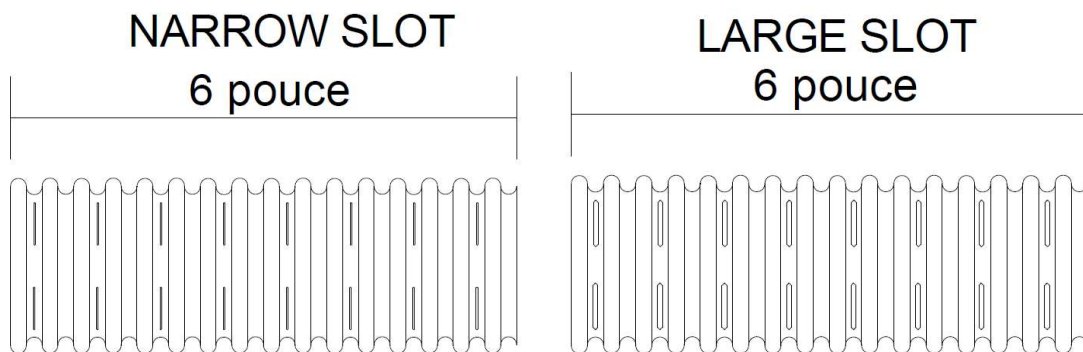
Richland pipe shall have ringed corrugated interior and exterior corrugations. Minimum inside diameter and average outer diameter shall be 1.95 inches and 2.3 inches respectively. Average pipe stiffness at 5% deflection shall be 40 pii when tested in accordance with ASTM D2412. Average weight shall be 0.15 pounds per foot. The material formulation shall include recycled polyethylene.

### **Joint Performance**

Pipe can be joined with an external or internal coupler covering at least two full corrugations on each end of the pipe. Standard (non gasketed) connections.....

### **Installation**

Installation shall be in accordance with state or local regulations and those issued by the design engineer.



### **Perforations**

A slot is placed at every two undulations, for a total of eighteen slots per foot on four rows.

Perforation Type	Narrow Slots	Wide Slots
Slot Length (Max), in. (mm)	0.65 (16)	0.65 (16)
Slot Width (Max), in. (mm)	0.008 (.2)	0.07 (1.8)

### **Hydraulic Data**

Recommended Design Manning's "n"	0.017
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