



Solinst®

Standpipe Piezometers

Model 601 Data Sheet

Standpipe Piezometers

Model 601

The Solinst Model 601 Standpipe Piezometer is designed to be placed within a drilled hole to provide a filtered inlet point. The pointed PVC tip is also suitable for pushing into very loose sands at the base of a borehole, a stream, or into very loose tailings pond sediments.

The 601 Standpipe Piezometer is excellent for metals sampling, as it is composed of a preformed Vyon tube set inside a perforated PVC piezometer tip. The Model 601 is also well suited for water level monitoring, permeability measurements, air sparging, construction control, de-watering drainage operations, and slope stability investigations, etc.

The 601 Standpipe Piezometer connects to the surface with 3/4" Sch. 40 PVC (0.804" ID x 1.050" OD) plain end extensions, using slip couplings. Reducer couplings can also be used to connect to other sizes of riser pipe or casing. The standard 601 Standpipe Piezometer lengths available are: 6", 1ft, 2ft and 3ft (15cm, 30cm, 60cm and 90cm).

Solinst also offers the Model 615 stainless steel Drive-Point Piezometer, which is designed to be driven directly into the ground using a slide hammer. (See Model 615 Drive-Point Piezometer Data Sheet for more information.)



Filter Specifications

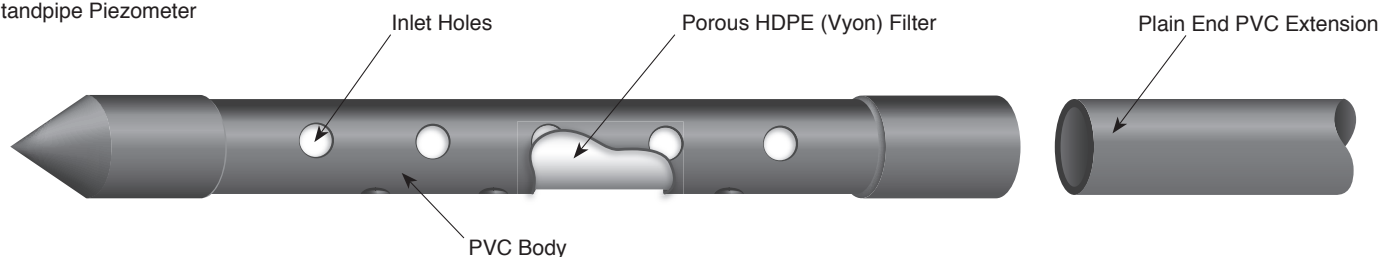
- Porous HDPE (Vyon)
- Average pore size 60 microns
- Keeps out silts and fine sands



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Model 601

Standpipe Piezometer



Applications

- Water level monitoring
- Permeability measurements
- Construction control
- De-watering and drainage operations
- Slope stability investigations
- Air Sparging: a 1 ft. Piezometer has 18 x 3/8" diameter holes i.e. 2 sq inches
- Metals Sampling

Advantages

- Reliable
- Low cost
- 60 micron filter element
- Rigid PVC housing protects Vyon filter installation

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