

# Vapor Pin®

## Vapor Pin® Sampling Device Extensions

### Extensions



Extensions add 1.5 inches to the length of the Vapor Pin® Sampling Device. Multiple extensions can be used to reach a desired depth. Sieves or filters are recommended as the termination of the extension to avoid clogging when the extension encounters the bedding material beneath the slab.

### Sieves



Sieves are attached to extensions or the Vapor Pin® Sampling Device itself to allow air to enter from the sides. They are used to avoid clogging the pin or extension when samples are collected beneath the slab. Sieves are very robust and can be hammered into the gravel bed or concrete debris beneath the slab. Sieves also allow the Vapor Pin® Sampling Device and extensions to be tightened with a wrench.

### Filters



Filters are made of sintered porous metal which provide a means of filtering particulates from the vapor stream. Sintered porous metal consists of small spheres of metal fused in a furnace and are free of VOCs, unlike many commercially available aquarium filters. Filters are durable and can be used similarly to sieves; however, they may be somewhat harder to clean for reuse. Filters also allow the Vapor Pin® Sampling Device and extensions to be tightened with a wrench.