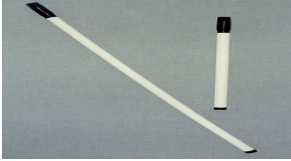




## SCHUMAprobe™

### PRODUCT INFORMATION



ECT introduces **SCHUMAprobe** the latest in sparging and extraction technologies. Using the same micro-porous, homogeneous structure found in **SCHUMASOIL®**, SCHUMAprobe™ provides the user with superior soil vapor extraction and air sparging capabilities as well as groundwater monitoring or extraction. Our standard product comes with ASTM F480 male x female threaded ends for simple installation.

SCHUMAprobe's average pore size of 20 and 40 µm produces a fine bubble matrix over the entire surface of the screen allowing gases to migrate easily into the soil formation. With an outer diameter of either 1.315 or

2.375 inches, SCHUMAprobe is an excellent choice of porous media material to complement direct push equipment.

<b>Physical Properties</b>	Unit	SP20-X-Y-MTC	SP40-X-Y-MTC	SP80-X-Y-MTC
Mean Pore Size	um	20	40	80
Porosity	%	40	42	45
Specific Permeability	nPm	90	180	320
Pressure Drop at 250 m/h (air)	Psi	0.090	0.045	0.025
Maximum Temperature Resistance	°C/°F	80/176	80/176	80/176
Probe Outside Dimensions	inches	1.315 or 2.375	1.315 or 2.375	1.315 or 2.375

**NOTE:** X = schedule 1" or 2" pipe size; Y = porous section length (20, 30, 40, or 60 inches);  
MTC = male threaded F480 & cap

#### **Chemical Resistance**

SCHUMAprobe is resistant to alcohol and aliphatic hydrocarbons. It resists strong alkalies, acids and saline solutions. Extended exposure to high concentrations of oxidizing agents, chlorinated and aromatic solvents might affect the performance of the material. For further information ask for the technical information, "Chemical resistance of SCHUMASOIL."

#### **Applications**

- **Air Sparging**
- **Soil Vapor Extraction**
- **Groundwater monitoring**

SCHUMAprobe is an excellent product for use with direct push technology to inject or extract gases or liquids. The threads fit easily into female ASTM F480 flush thread PVC riser pipe or connectors allowing simple and immediate installation.

- **Comes threaded male x female - ready to use.**
- **SCHUMAprobe is hydrophobic and does not swell in water.**
- SCHUMAprobe is lipophilic and can be used in oil separation.

Web site information: [www.ectmfg.com](http://www.ectmfg.com)

## ECT MFG.

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