

Accessories for Hand Sampling Products Chapter Review

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SOIL CLASSIFICATION	
SOIL TYPE	SOIL DESCRIPTION
DRIVES AND GRAVELS	CLEAR GRAVELS
DRIVES AND GRAVELS	GRAVELS WITH FINES
SANDY SANDY SOILS	CLEAN SAND
SANDY SANDY SOILS	SANDS WITH FINES
FINE GRAINED SOILS	SILTS AND CLAYS
FINE GRAINED SOILS	SILTS AND CLAYS
HIGHLY ORGANIC SOIL	



Tubing Options

Silicone tubing is used as a bridge between sampler fittings and either fluoropolymer or polyethylene tubing. If the correct (#15 or #16) bridge tubing is used, it creates a great seal on barbed fittings. Fluoropolymer tubing can be used with the AMS Retract-A-Tip, dedicated tips, implants, and AMS sub-slab kits, as well as vacuum pumps for collecting soil gas samples. Polyethylene tubing is cost-effective for soil gas surveys. It can be used with AMS vacuum stations and pumps for collection of soil gas samples. Contact AMS customer service for more information.



GVP Tubing Options

Part #	Item	Weight
5004.47	#15 x 50' Silicone Tubing	2.4 lb.
5004.48	#15 x 500' Silicone Tubing	26.9 lb.
5004.53	#16 x 25' Silicone Tubing	2.0 lb.
214.98	3/16" ID x 1/4" OD x 50' Fluoropolymer Tubing	1.1 lb.
214.99	3/16" ID x 1/4" OD x 100' Fluoropolymer Tubing	2.1 lb.
215.00	3/16" ID x 1/4" OD x 250' Fluoropolymer Tubing	5.1 lb.
215.12	3/16" ID x 1/4" OD x 500' Polyethylene Tubing	8.2 lb.
215.03	1/4" ID x 3/8" OD x 50' Fluoropolymer Tubing	1.0 lb.
215.04	1/4" ID x 3/8" OD x 100' Fluoropolymer Tubing	2.0 lb.
10658	1/4" End Caps	0.1 lb.

Syringe & Cap

Syringes are ideal for soil gas sampling. Both luer-slip and luer-lock are plastic greaseless, and sterile. The black and white syringe caps are unsterile; blue caps are sterile. The 3-way stopcock has a sterile rotating male luer lock. It is beneficial to include it along with a sample collection device or into the sampling train, prior to purging ambient air and before collecting a sample. Contact AMS customer service for more information.



Syringe & Cap

Part #	Item
2105.93	Sterile and Greaseless Luer Slip, 50 ml Syringe
2105.94	Sterile and Greaseless Luer Lock, 50 ml Syringe
2105.96	White Syringe Caps (100 qty)
2105.98	Sterile 3-way Stopcock/Valve

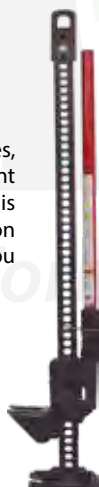


AMS Foot Jack

AMS GVP Foot Jack is specifically designed to extract AMS 5/8" diameter gas vapor probe extension rods. The special open slot design on the shackle/jaws allow you to rapidly connect and disconnect from the extension strand. There is no need to thread on any type of T-jack adapter with this foot removal jack. The pair of jaws are designed to grab directly onto the GVP extension rods in order to extract your extension strand quickly & efficiently.

AMS Foot Jack

Part #	Item
61431	Foot Jack Only
61564	GVP Foot Jack Shackles
61568	2" Foot Jack Shackles
61569	2 1/8" Foot Jack Shackles
61565	3" Foot Jack Shackles
61572	2 1/2" Foot Jack Shackles
61540	1 1/4" Foot Jack Shackles
61432	GVP Foot Jack

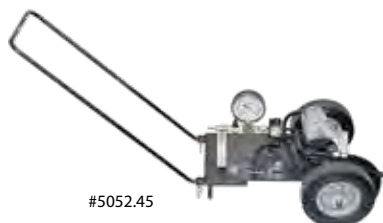


Removal Jack

Special adapters allow removal jacks to retrieve tile probes, core samplers, split-core samplers, gas vapor probes, sediment samplers, soggy bottom samplers, and other tooling that is difficult to retrieve. They can create a smoother pulling motion than reverse hammering with a slide hammer – which helps you retain more of your sample during retrieval.

Removal Jack

Part #	Item	Weight
211.05	Removal Jack	30 lb.
211.06	5/8" Female Tee Jack Adapter	1.1 lb.
18253	Big Foot Removal Jack	35 lb.
211.09	3/4" Female Tee Jack Adapter	1.1 lb.



Vacuum Pumps

The hand vacuum pump is a simple system for both soil gas and groundwater sampling. It has a vacuum gauge release valve and fittings. For sites with no accessible electricity, samples can be taken into suitable test containers. The 12-volt vacuum pump is a diaphragm-style pump that is used for filling test containers. It has a 15" cord and plug. It is portable, and the pump will collect soil gas and groundwater samples into containers.



Vacuum Pumps

Part #	Item	Weight
215.06	Manual / Hand Vacuum Pump	1.6 lb.
5052.40	Electric Vacuum Pump (12 Volt)	1.7 lb.

Tedlar Bags

AMS offers Tedlar bags in a wide variety of sizes. One liter, 3L, 5L, and 10L bags are available. Tedlar bags are recommended in many US EPA methods including TCLP and methods TO-3 (VOCs), TO-12 (NMOC), TO-14A (VOCs), TO-15 (VOCs), and ASTM D-5504 (reduced sulfur compounds). For more information on Tedlar bags and other AMS sampling equipment, contact AMS customer service.

Tedlar Bag

Part #	Item
2105.92	1 L Tedlar Bags (10 qty) Lot Certification (TO-14)
2105.91	3 L Tedlar Bags (10 qty) Lot Certification (TO-14)
2105.89	5 L Tedlar Bags (10 qty) Lot Certification (TO-14)
2105.88	10 L Tedlar Bags (10 qty) Lot Certification (TO-14)

Vacuum Station

The vacuum station comes complete with 12-volt vacuum pump, low-flow rotometer, flow regulator valve, line gauge, and mobile platform. It can be used to comply with most regulations and methods for collection of soil gas samples.

Vacuum Station

Part #	Item
5052.45	Vacuum Station