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Soil Vapor Implants & Post Run Tubing System (Direct Push)

geoprobe.com/prt

Direct push machines were initially designed specifically for soil gas sampling. Our first set of tools were manufactured to extract vapor samples. Before Geoprobe® tools and equipment were available, most soil gas sampling was done by manually advancing NPT pipe into the ground surface using a slam bar, often followed by using a bumper-style jack to remove the NPT pipe.

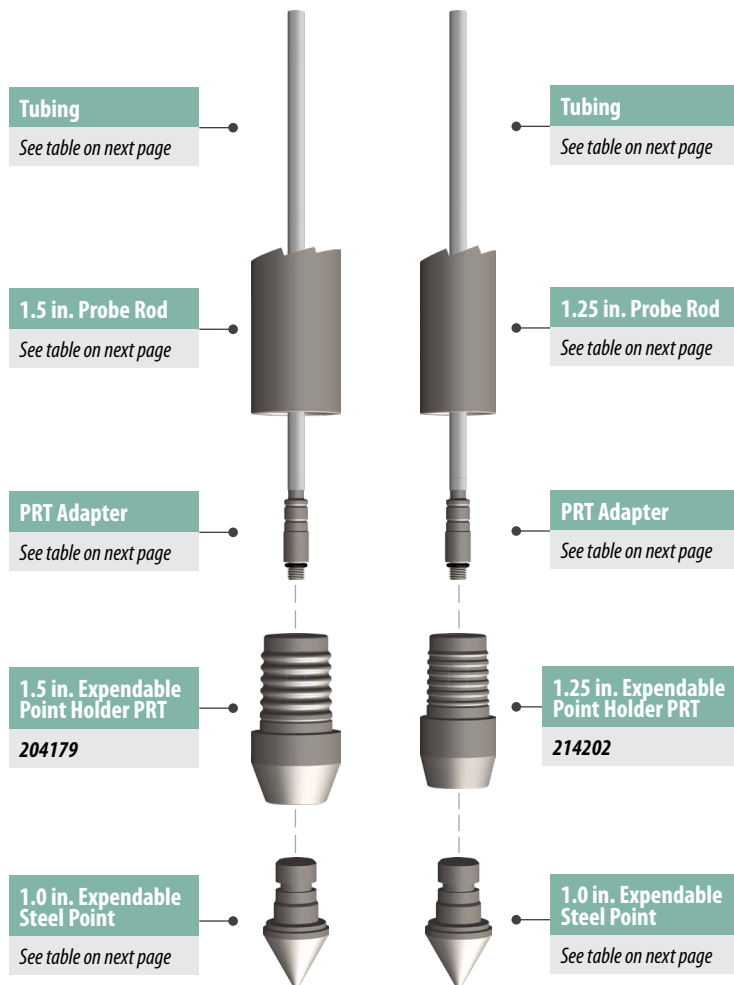
We then developed a simple, quick, cost-effective method for conducting soil gas sampling — Post Run Tubing (PRT) Systems and Soil Vapor Implants. The PRT method decreased labor costs, time requirements, and decontamination fluids generated for sample collection.

PRT Systems

geoprobe.com/prt




785-825-1842




Post Run Tubing (PRT) System allows the user to collect soil vapor samples quickly and easily at the desired sampling depth WITHOUT the time-consuming complications associated with rod leakage and contamination. O-ring connections enable the PRT system to deliver a vacuum-tight seal that prevents sample contamination from UP hole, and assures that the sample is taken from the desired depth at the BOTTOM of the hole. The resulting time savings translates into a higher productivity rate for you and your client.

1.5 IN. PROBE RODS

Probe Rods


1.5 in. Probe Rod	MN	Length	Weight	OD	ID
	201682	60 in.	25 lbs.	1.5 in.	0.625 in.
	202248	48 in.	20 lbs.		
	207261	36 in.	15 lbs.		
	202715	24 in.	10 lbs.		
	202714	12 in.	5 lbs.		
	205222	6 in.	2.5 lbs.		
	203193	1 m	16.4 lbs.		

Expendable Points / Holders


Components	Part	MN	Notes
	1.5 in. Expendable Point Holder PRT	204179	
	1.0 in. Expendable Steel Point	213778	1.1 in. OD
	1.0 in. Expendable Steel Point	213781	1.1 in. OD Quantity: 100
	PRT Expendable Point Popper	214207	

1.25 IN. PROBE RODS

Probe Rods


1.25 in. Probe Rod	MN	Length	Weight	OD	ID
	213773	60 in.	15.5 lbs.	1.25 in.	0.625 in.
	213769	48 in.	12.4 lbs.		
	213762	36 in.	9.3 lbs.		
	213758	24 in.	6.2 lbs.		
	213753	12 in.	3.1 lbs.		
	213752	6 in.	1.55 lbs.		
	213763	1 m	10.17 lbs.		

Expendable Points / Holders

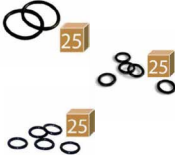
Components	Part	MN	Notes
	1.25 in. Expendable Point Holder PRT	214202	
	1.0 in. Expendable Steel Point	213778	1.1 in. OD
	1.0 in. Expendable Steel Point	213781	1.1 in. OD Quantity: 100
	PRT Expendable Point Popper	214207	

COMBINED COMPONENTS

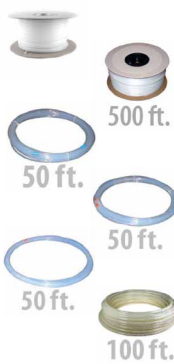
PRT Adapters

Components	Part	MN	Notes
	PRT Adapter	214208	For 3/16 in. ID Tubing
	PRT Adapter	214211	For 1/4 in. ID Tubing
	PRT Adapter	214203	For 1/8 in. ID Tubing

O-Rings

Components	Part	MN	Notes
	O-Ring (MBP Adapters)	214210	Quantity: 25
	O-Ring (1.0 in. Expendable Point)	213782	Quantity: 25
	O-Ring (Gas Sampling Cap 1.25 in.)	213776	Quantity: 25

Tubing

Components	Part	MN	Notes
	LDPE Tubing	601062	1/4 in. OD x 3/16 in. ID x 500 ft.
	PE Tubing	601063	3/8 in. OD x 1/4 in. ID x 500 ft.
	Teflon Tubing	214253	1/4 in. OD x 3/16 in. ID x 50 ft.
	Teflon Tubing	601064	5/16 in. OD x 1/4 in. ID X 50 ft.
	Teflon Tubing	601057	1/4 in. OD x 1/8 in. ID x 50 ft.
	Nylon Tubing	600144	3/8 in. OD x 1/4 in. ID x 100 ft.

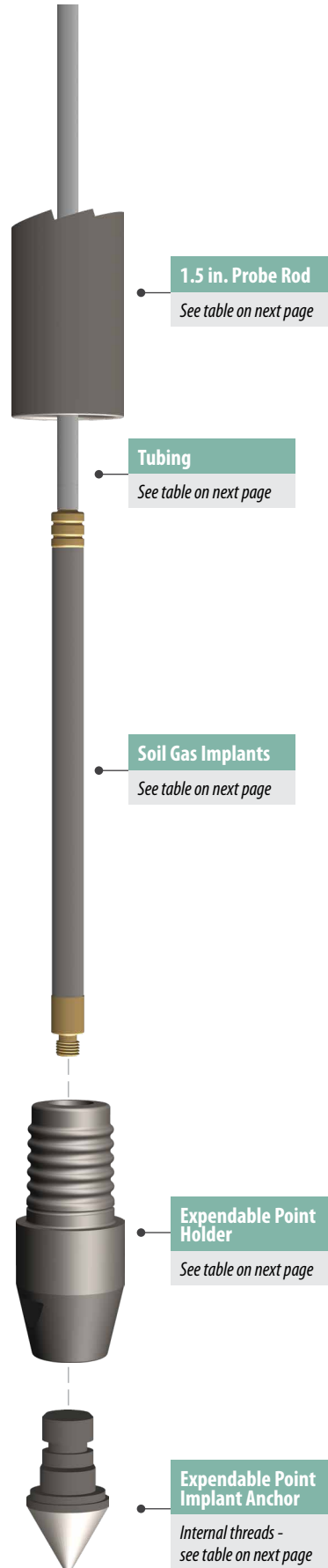
Accessories

Components	Part	MN	Notes
	Gas Sampling Cap	213775	1.25 in. Box, For 1/4 in. ID Tubing


Soil Vapor Implants

geoprobe.com/vapor-implants


Soil Vapor Implants are convenient and inexpensive devices for both long-term soil gas monitoring, air sparging, and groundwater sampling. The double woven, stainless steel wire screens can be inserted down the bore hole of a probe rod and anchored at depth and are available in a variety of lengths.






Probe Rods

1.5 in. Probe Rod	MN	Length	Weight	OD	ID
	201682	60 in.	25 lbs.	1.5 in.	0.625 in.
	202248	48 in.	20 lbs.		
	207261	36 in.	15 lbs.		
	202715	24 in.	10 lbs.		
	202714	12 in.	5 lbs.		
	205222	6 in.	2.5 lbs.		
	203193	1 m	16.4 lbs.		


Tubing

Components	Part	MN	Notes
 500 ft.	PE Tubing	601067	1/2 in. OD x 3/8 in. ID x 500 ft.
 500 ft.	PE Tubing	601063	3/8 in. OD x 1/4 in. ID x 500 ft.
 500 ft.	LDPE Tubing	601062	1/4 in. OD x 3/16 in. ID x 500 ft.
 50 ft.	Teflon Tubing	601057	1/4 in. OD x 1/8 in. ID x 50 ft.
 50 ft.	Teflon Tubing	214253	1/4 in. OD x 3/16 in. ID x 50 ft.
 50 ft.	Teflon Tubing	601064	5/16 in. OD x 1/4 in. ID x 50 ft.
 100 ft.	Nylon Tubing	600144	3/8 in. OD x 1/4 in. ID x 100 ft.
 100 ft.	FEP Tubing	214252	1/4 in. OD x 3/16 in. ID x 100 ft.
 10	Silicone Tubing Adapter	213746	Quantity: 10





Soil Gas Implants

Components	Part	MN	Suggested Sampling Use	Recommended Tubing Size	Geoprobe® Tubing	Length	End Fitting
	Soil Gas Implant	213859	Soil Gas	.17 in. ID (4.3 mm ID)	601062	6 in. (152 mm)	Barbed
	Soil Gas Implant	213861	Soil Gas, Shallow Groundwater	.25 in. ID (6.4 mm ID)	601063	6 in. (152 mm)	Barbed
	Soil Gas Implant	213865	Soil Gas	.25 in. ID (6.4 mm ID)	-	6 in. (152 mm)	Swagelok™





Soil Gas Implants (1.25 in & 1.5 in. Probe Rods Only)

Components	Part	MN	Suggested Sampling Use	Recommended Tubing Size	Geoprobe® Tubing	Length	End Fitting
	Soil Gas Implant	213877	Soil Gas, Shallow Groundwater	Any plastic tubing .25 in. ID to .4375 in. ID (6.4 mm ID to 11 mm ID)	601067	12 in. (305 mm)	Tapered Screw Thread
	Soil Gas Sparge Implant	213878	Soil Gas, Shallow Groundwater, Sparging		601067	12 in. (305 mm)	Tapered Screw Thread

Expendable Points / Holders

Components	Part	MN	Notes
	1.25 in. Expendable Point Holder	213755	1.25 in. OD 0.625 in. ID
	1.5 in. Expendable Point Holder	203895	1.5 in. OD 0.625 in. ID
	1 in. Expendable Point Soil Gas Implant Anchor	214205	Internal threads
	O-Ring (1.0 in. Expendable Point)	213782	Quantity: 25

Glass Beads

Components	Part	MN	Notes
	Glass Bead 60-100 Mesh	213849	250 ML
	Glass Bead / Bentonite Mix	213851	250 ML
	Glass Bead 60-100 Mesh	600995	50 lb. Pail
	Glass Bead / Bentonite Mix	213875	50 lb. Pail