

PTI MULTI-PIPE SYSTEMS

The Alternative to Rock Drainfields

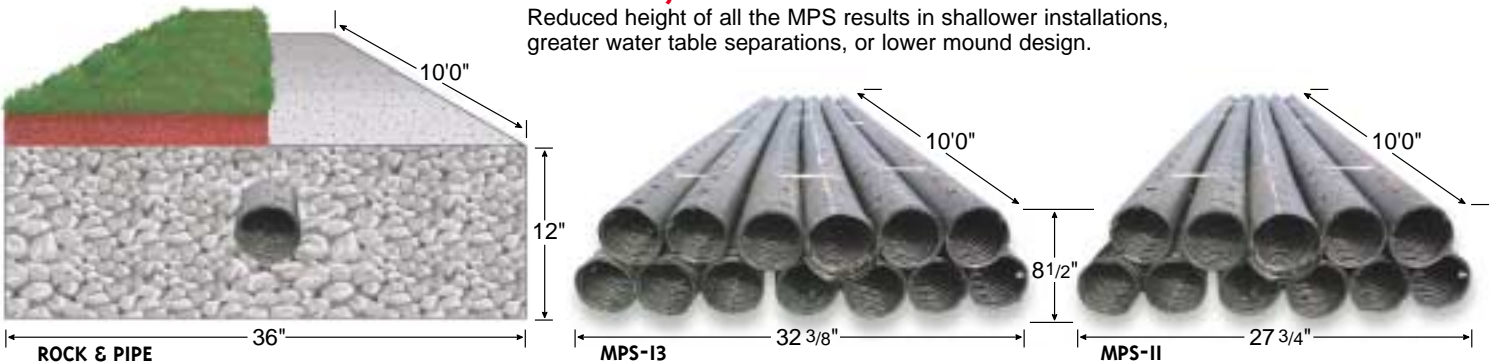
The primary purpose of a septic tank drainfield is the dispersal and storage of wastewater until the soil can accept it. The water moves through the open areas (VOIDS) formed when rock is piled or placed. Thousands of years ago, clay roofing tiles were added to gravel to increase the voids. Over the centuries, these "tiles" developed into round clay pipes, and eventually black HDPE corrugated pipe which is now commonly used. Modern life-styles have made it necessary to improve the efficiency and function of these rock systems.

The *patented** PTI Multi-Pipe Systems (MPS) offer substantial advantages over the old "stone aged" drainfields. The PTI MPS (whiffle pipe) functions much like a trickle filter.

The PTI white lined distribution pipe disperses the effluent into the voids in and around the specially banded PTI void pipes. These pipes are engineered with both holes and slots, allowing them to collect and disperse the water as it passes over the thousands of corrugations in the pipe. PTI MPS-13 and MPS-11 are available for both RESIDENTIAL and COMMERCIAL septic tank installations through a network of factory trained, licensed Septic Tank Professionals. Properly sized and installed, the MPS-13 or MPS-11 drainfield system will provide years of trouble free service.

Lower Profile Than Rock

Reduced height of all the MPS results in shallower installations, greater water table separations, or lower mound design.



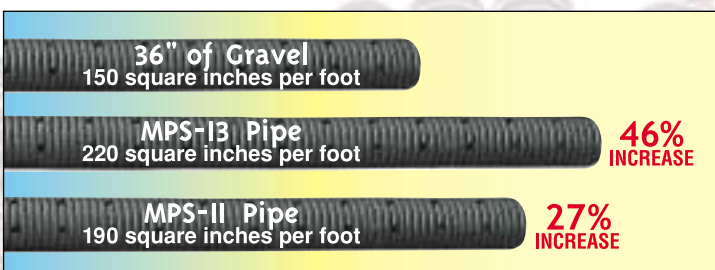
Installs in Less Area Than Rock

The MPS performs more efficiently than rock in a much smaller area.

SYSTEMS	SQ. FOOT	HEIGHT	SAVINGS IN HEIGHT	INVERT TO SOIL	WIDTH ACTUAL	AREA REDUCED	CENTERS	LENGTH
Rock in Trench	30 Sq. Ft.	12"		6"	36"			10 Ft.
Rock in Bed	30 Sq. Ft.	12"		6"	36"		36"	10 Ft.
MPS-13 Trench	30 Sq. Ft.	8.6"	28%	4.3"	32.375"			10 Ft.
13-Trench/Mound	30 Sq. Ft.	8.6"	28%	4.3"	32.375"		57/60	10 Ft.
MPS-13 Bed	30 Sq. Ft.	8.6"	28%	4.3"	32.375"		36"	10 Ft.
MPS-11 Trench	30 Sq. Ft.	8.6"	28%	4.3"	27.75"	23%		10 Ft.
11-Trench/Mound	30 Sq. Ft.	8.6"	28%	4.3"	27.75"	23%	52"	10 Ft.
MPS-11 Bed	30 Sq. Ft.	8.6"	28%	4.3"	27.75"	23%	28/36	10 Ft.

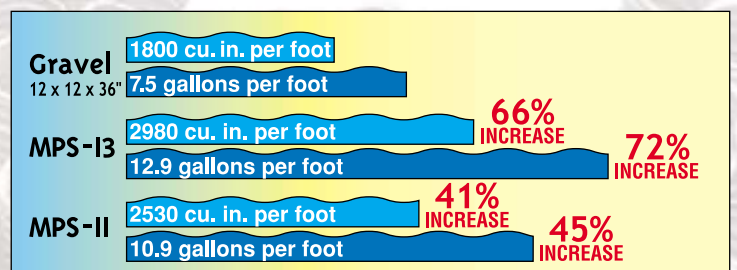
Superior Filtration Area

The available area of contact where water can enter the soil is substantially better in the MPS because of the numerous corrugations in the pipe.



Greater Water Storage Capacity

During periods of high usage or slow percolation the storage capacity of the MPS can mean the difference between a functioning bathroom and backed up drains.



*U.S. Patent Numbers: 5,516,229 & 5,520,481

Flexible Design Applications

PTI MPS-13 and MPS-11 provide a variety of solutions when available area is limited by obstructions or restricted by code. MPS is ideal for sub-surface or mound, in trenches or a bed. Both PTI MPS are easily adapted for dosed and pumped systems.



Mound



Bed



Dosed



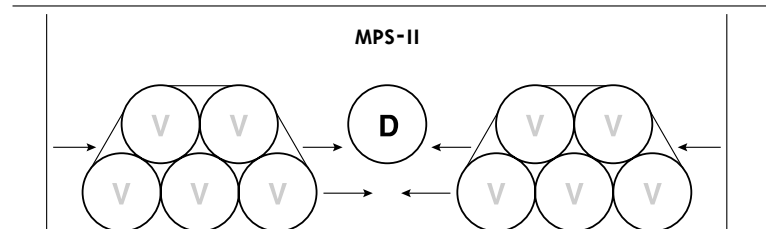
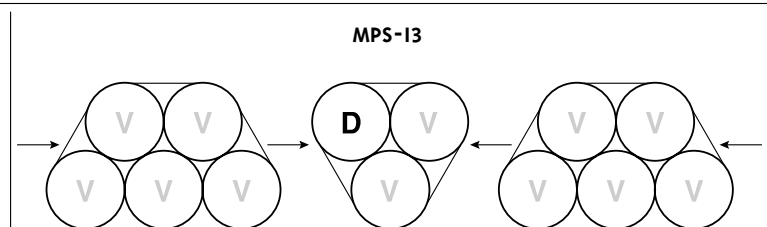
Trench



Aerobic

Pipe Placement

The PTI white lined distribution pipe (D) disperses the effluent into the voids (V) in and around the specially banded PTI void pipes.



Your Authorized Contractor:



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