

# Pressure Activated Injection Probe



Ensures accurate placement of injection material into the intended injection interval.

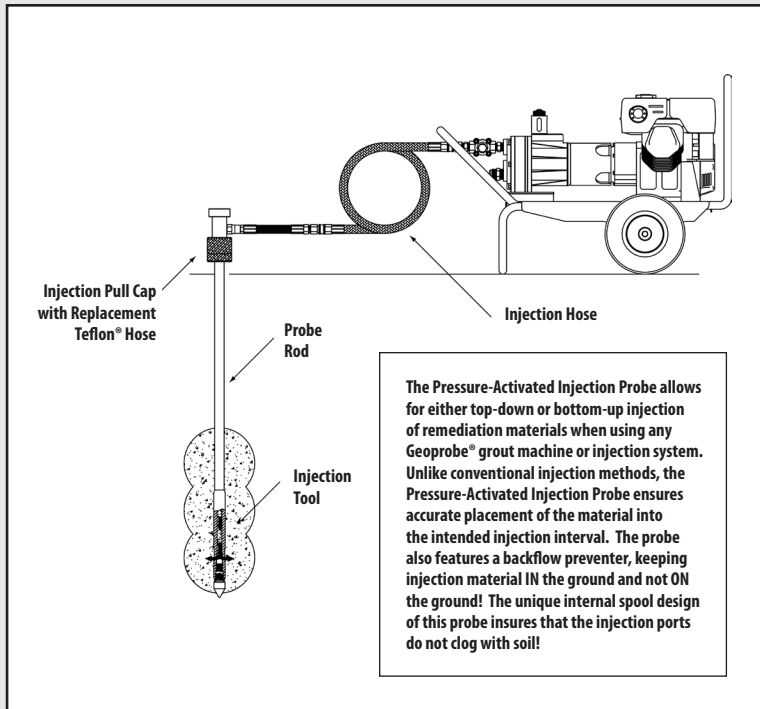
- For Top-Down or Bottom-Up Injection
- Lateral injection ports insure accurate placement of injection materials
- Patent Protected Check Valve Arrangement
  - Keeps soil out of tool string ID during advancement and retraction
  - Prevents “backflow” of injection material up through tool string ID
- Simple Construction
- No Expendable Points to Leave in Ground
- Proven to work with ORC®, HRC®, permanganates, peroxides, acids, and other remediation materials
- Suitable for operation with Geoprobe® GS500, GS1000, GS2000, and DP800 Grout and Injection Machines.



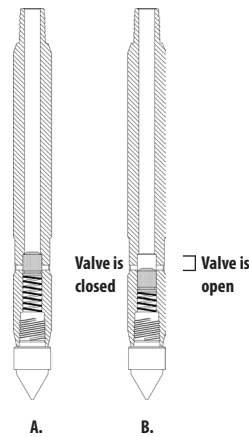
Pressure-Activated Injection Probe

manufactured under U.S. Patent 6604579

This backyard demonstration shows how the Pressure Activated Injection Probe laterally injects materials (including powdered milk!) into the subsurface.



## Pressure-Activated Injection Probe: How it Works



A. Internal valve is closed when positive pressure is not present. This prevents soil from entering tool string during advancement. It also prevents injection material from flowing back through the injection tool and up the tool string ID.

B. Internal valve is open when positive pressure is present. This allows material to flow out into the formation.



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