



# Environmental Pipe Products



HDPE (High Density Polyethylene) Pipe



Accu-Seal PVC Wellscreen & Pipe

RST Accu-Seal PVC Wellscreen and Pipe is a system of top-quality monitoring pipe products for groundwater hydrology, environmental, drainage, water wells, and geotechnical applications.

This line of slotted PVC material is manufactured in our Coquitlam, B.C. plant using the latest NC machining techniques. The thread/sealing system, conforming to ASTM F480, uses precision threads, an "O"-ring seal and a wedge locking mechanical seal to obtain a quick, strong, water-tight connection. Fully automated NC lathe threading and proprietary NC slotting equipment ensure superb precision and consistency, as well as competitive pricing.



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### applications

- Well and aquifer monitoring.
- Water well monitoring.
- Recovery wells.
- Dewatering and underdrain systems.
- Water sampling and intake systems.
- Heap leach mining.
- Slope stabilization.

### features

- The highest quality, ink free, first run virgin PVC as per ASTM D-1784 & D-2665.
- Accu-Seal PVC Slotted & Solid Pipe comes decontaminated, individually bagged, boxed and ready to install.
  - also available without decontamination procedures.
- CNC machined threads and slots ensure 100% quality control.
  - threads are physically tested for ease of assembly fit and seal.
- Pipe diameters from ½ inch to 12 inches.
- Solid and slotted standard lengths of 5, 10 and 20 feet .
- Standard slot widths from .010 to .125 inches with alternate slot sizes available, as required.
- Slot open area meets ASTM specs with optional RST high flow open area versions available for 50% greater flow.
- ASTM F-480 flush 2.5 turn threads.
- Standard Buna-N. O-ring seal with Viton® optional.

GEOTECHNICAL . MINING . STRUCTURAL



EPB0001C



specifications + ordering info

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## HDPE: high density polyethylene pipe

HDPE pipe is used for various industrial applications including landfills, waste sites and mining applications. This high density pipe is resistant to corrosive chemicals, and provides durability due to its high strength and flexibility; it can be bent to a minimum radius of 10-20 times it's own diameter.

HDPE pipe is UV resistant and lightweight weighing 75% to 90% less than cast iron, steel or concrete pipe. As well, this pipe is unaffected by temperatures ranging from -82°C to 87°C. HDPE pipe can be custom slotted or perforated to your specifications, please see below for options.

## accessories

- Locking well plugs.
- Bentonite pellets & chips, grout & silica sand.
- Flush mount and above grade lockable well covers.
- Pipe centralizers.
- Interface probes.
- Bailers, filters, foot valves, sampling tubing, and geotextile filter socks.
- Pressure transducers and data loggers.
- Borehole packers.
- Water level meters.
- Accu-Seal threaded end plugs and points.

## specifications: custom perforated/slotted pipe

**CUSTOM PERFORATING AND SLOTTING OF BOTH PVC AND HDPE PIPE IS AVAILABLE TO SUIT YOUR SPECIFICATIONS. CONTACT RST FOR INFO.**

| ITEM                | DESCRIPTION   |
|---------------------|---|
| Pipe Joints         | Bell end, plain end, flush thread (ASTM F480, 4TPI, NPT). HDPE is only available in plain end.  |
| Pipe Preparation    | Unwashed, washed & bagged, bagged.  |
| Pipe Sizes          | RST is capable of slotting or perforating up to 12 in.  |
| Slotting Options    | Standard slot widths from .010 to .125 inches with alternate slot sizes available, as required. Minimum slot size for HDPE is 1 mm or 0.040 in. Alternate slot sizes available, including angle slotting. |
| Perforating Options | Various options are available, please contact RST for details.  |



Custom Perforated Pipe (both HDPE & PVC)

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