

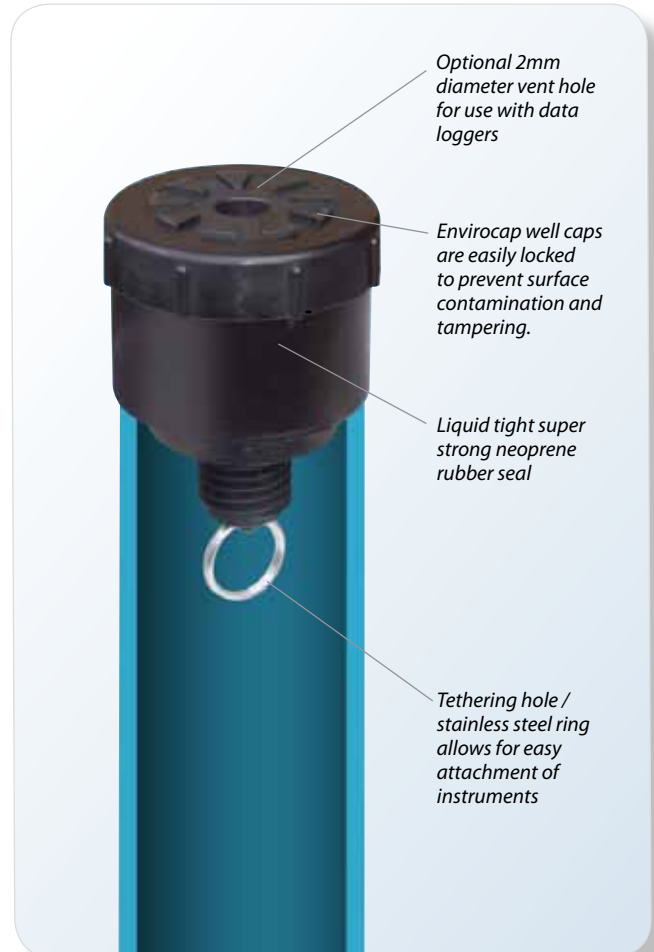
# EnviroCap locking well caps

Protect your monitoring boreholes from surface contamination and tampering

EnviroCap low profile locking well caps are attached to the top of the well casing and serve the dual functions of preventing surface water from entering the well through the top of the casing and restricting access by unauthorized persons.



*EnviroCap locking well caps are easily locked and unlocked with a unique magnetic locking tool.*



## Features

- Low profile - only 6mm projection above casing
- Easily locked with universal magnetic key
- Maximum seal-to-casing contact
- Slide on retaining sleeve
- Sealed lock
- Utility ring for suspension of instruments
- Vented option available for use with dataloggers

# EnviroCap locking well caps

EnviroCap low profile locking well caps are attached to the top of well casing and serve the dual functions of preventing surface water from entering the well through the top of the casing and restricting access by unauthorized persons.

EnviroCaps feature an exclusive built in locking system that is completely sealed from the outside environment to eliminate replacement cost of failed locks due to rust, corrosion, and debris. Unlike conventional caps, EnviroCap does not come loose in the casing.

## Features

### Maximum Seal-to-Casing contact

Our 32 mm (1¼ inch) wide seal prevents leakage and adds friction for intruder resistance. The wider contact surface spreads the outward force over more pipe area, reducing the “bellling out” effect that makes conventional caps come loose.

### Slide On Retaining Sleeve

The sleeve prevents casing deformation caused by the outward force of the expanded donut on the casing. EnviroCaps cannot be pulled out of the casing.

### Extra Leak Protection

The top cap overlaps the casing to create an extra air seal, much like an upside down cup in water.

### Sealed Lock

Save Money!! Our built in lock never needs replacing and can be opened using a single universal EnviroKey.

### Utility Ring

Hang tools or samplers from the bottom of the cap.

### Low Profile

Conserve space in well covers with only 6 mm (¼ inch) projection above the well casing.

### Optional Venting

Caps can be vented by the addition of a 2mm vent hole\* to prevent pressurisation of the borehole during use, with dataloggers or other similar devices. Please request venting at time of order.

\* Please be aware this does provide a small potential inlet for water if the borehole cap becomes flooded and vented caps should not be relied on for permanently sealing a borehole.

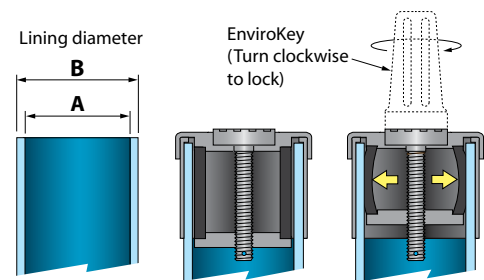
## Operation

The cap consists of two rigid disks separated by a flexible, squeezable donut of hydrocarbon resistant material. A special bolt threads through the centre of the assembly so as to compress the outer disks against the flexible donut when tightened.

### To use

- The lower portion of the cap is inserted into the well casing and is tightened using the EnviroKey.
- The two disks compress the flexible donut, causing it to expand outward at its circumference, pressing tightly against the inside of the well casing.
- If an unauthorized user attempts to remove the cap without an EnviroKey, the bolt head will turn without engaging the threads and the cap cannot be removed.

## Technical specification



Code	A Minimum borehole lining ID (mm)	B Maximum borehole lining OD (mm)
S3001/SWH2	48	60

## Ordering information

Code	Description	Nominal Size
S3001/SWH2	EnviroCap - 48 mm	48 mm (2 inch)
S3001/SWH2V	EnviroCap - 48 mm vented	48 mm (2 inch)
S3001/WHKey	EnviroCap Key (Universal)	