

***ENDURO* Pig Popper**



Welcome to a new ease in pig signal devices
and say good-bye to headaches of the past.



The makers of the "**ENDURO**
Geophone", "**ENDURO** Receiver",
and the ever popular "**ENDURO**
Directional Geophone" would like to
introduce:

The
ENDURO Pig Popper

ENDURO has, like most pipeliners,
dealt with, cussed at and suffered from
trying to use pig signal devices that
simply did not work.

Finally, a pig signal device **designed**
with all of us in mind;
It Works!

Stainless Steel inner construction.

Ease of installation.

Replaces many older models on the existing fitting.

Absolutely no doubt observation of pig arrival.

Easy to reset and know it's reset.

Bi-Directional in operation.

5 year Guarantee on all Enduro parts and operation.

1 year on O-ring seal from manufacturer

ENDURO Pig Popper

Specifications

Upper Housing
Housing Cap
Indicator

Catch Plate
Catch Fingers

Standard Pipe Nipple

Materials:
Nylon, Black
Nylon, Black
Urethane, Yellow

Stainless, 316
Stainless, 304

Mild Steel

TEST LOG

ENDURO Pig Popper

Enduro has designed and built a test vessel especially for the testing of our pig signal devices. The vessel presently tests our Pig Popper model: PSBD-1 units at pressure from 0 to 2,100 psi. A pneumatic plunger resets the pig signal each time a pig simulator passes and triggers the pig signal probe.

The following charts indicate the number of cycles (pig passes) and the operating pressure maintained during the specific testing.

The life of the Pig Popper test is the additive cycle period of each test combined.

The mechanical testing of the Pig Popper is equivalent to approximately 18 years with no failure.

2 Year Test - 400 psi

PRESSURE	CYCLES	MEDIA
400 PSI	0	WATER
400 PSI	750	WATER

3.2 Year Test - 500 psi

PRESSURE	CYCLES	MEDIA
500 PSI	0	WATER
500 PSI	1,165	WATER

5 Year Test - 1000 psi

PRESSURE	CYCLES	MEDIA
1000 PSI	0	WATER
1000 PSI	1,850	WATER

3.7 Year Test - 1500 psi

PRESSURE	CYCLES	MEDIA
1500 PSI	0	WATER
1500 PSI	1,360	WATER

4 Year Test - 2100 psi

PRESSURE	CYCLES	MEDIA
2100 PSI	0	WATER
2100 PSI	1,480	WATER

- Terminated test after **6,600 cycles** with a full range of psi levels having been met.
- Simulate pig passage in test vessel with mechanical pig passage and pneumatic reset.
- Further testing of the Pig Popper is constantly taking place.
- To date, the unit has exceeded all expectations and has proven sound engineering and material selections.
- Additional models, such as a lighted version and control panel electrical units are also available.