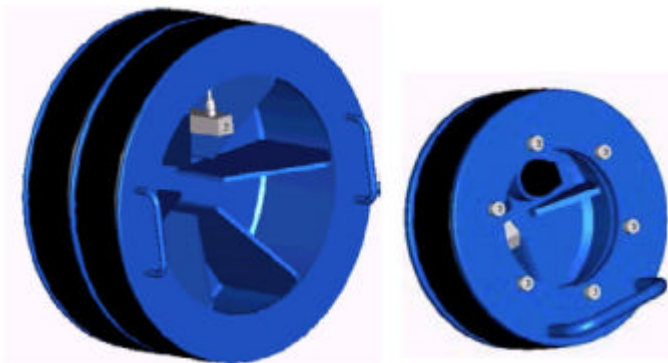




GAS SEAL STOPPERS



General function and application:

PE's gas seal stoppers are an effective way to seal low pressure pipelines, drains and sewers against the inflow and outflow of gas, liquid or debris.

Manufacture

The units comprise a fabricated steel or aluminium body together with an inflatable natural rubber tyre. All carbon steel components receive two coats of an anti-corrosion and chemical resistant paint.

Application and operation

As well as sealing off the pipe ends, PE's gas seal stoppers can be used for emergency isolation while a repair or inspection is carried out.

They are also suitable for creating a gas barrier to enable welding to be undertaken. Alternatively they can plug a drain while it is under waterflowing conditions. The pneumatically or hydraulically inflated seal can overcome ovality, irregularity and diameter variations in the pipe. In use, the stopper is positioned in the pipe and the tyre is inflated with a hand or foot pump through the integral schrader valve fitted on the body.

Configurations, sizes and pressure ratings

Gas seal stoppers are available from 4" – 60", and with one, two, or three seals. Depending on pipe diameter, working pressures of up to 10 bar can be maintained with 3 seal stoppers, adequately strutted. Small caster wheels can be fitted aiding insertion some distance down the line. A bypass port is fitted to allow pressurisation monitoring and venting. Sizes above 18" can be supplied as split construction so that they can pass through a standard manhole.

Note: for lighter duties, PE has a range of drain plugs and rubber or canvas gas bags.

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