



Plastic Pipe Seals



PLASTIC PIPE SEALS

VIP-Polymers is a major provider of seals used in PVC for both drinking water and dirty-water applications. Our products are also used in jointing polypropylene and, in some instances, polyethylene pipes.

Twinwall Wall Pipe

Unlike with most other pipe materials, there is currently no international standard for defining the shape of the groove in Structured Wall Pipes (SWP). Over many years, we have built up a comprehensive catalogue of different sealing profiles and can now offer solutions off the shelf to suit most groove configurations. Where we don't have a seal to fit, we can make one!

Why choose our Twin Wall pipe gaskets?

- Speed to market; Our in house design team can develop seal designs in a matter of days using CAD, FEA and finally by proving the design with physical tests in our dedicated high and low pressure test laboratories.
- Quality; All our rubber is developed and mixed in-house
- Our manufacturing facilities are all ISO 9001 approved and Kitemarked to EN 681-1
- Ease and speed of installation; Where possible, our seals are symmetrical and are designed with ease of installation foremost in our thoughts.
- Moulded or extruded solutions available.



Stages in the SWP sealing process:

1. Drawings received from customer of the pipe groove and bell.
2. If no existing seal is suitable, we will design and make an offer based on supplied annual volume information.
3. Once design is agreed and tested using FEA, we will perform physical tests on pipe and bell supplied by the customer.
4. After testing programme is complete, the customer approves the seal design.



Pressure pipe for potable water:

We make seals to customers; specific requirements including locked-in seals incorporating our proprietary Viploc™ design. This features a locking ring which holds the seal in a groove within the pipe. The pipe is belled over the seal during production with no chance of the seal becoming dislodged during assembly.



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