

# Weld Purge Dams (single)

## INFLATABLE TUBE and PIPE PURGING SYSTEMS



Professionally designed and manufactured **Argweld® Weld Purge Dams**. Buy the proper tools for the job and eliminate those sponge and expensive home made dams that will provide poor results.

HFT® Inflatable Purge Dams seal effectively all round the pipe, they do not outgas or allow oxygen or water vapour to pass through. These will help you to achieve zero colour welds much faster and for much less money!

They can be used for closure welds, T piece joints and dome end connections, where a conventional Tandem Weld Purging System cannot be used.

Each Weld Purge Dam provides an excellent grip in the pipe with an effective all-round seal.

Manufactured for pipe diameters from 6 - 88 inch.

Standard Weld Purge Dams are heat resistant up to 90°C (194°F), however, they can also be manufactured in different fabric for very high temperature applications.

Each Weld Purge Dam is easy to inflate using the purge gas. Once the Dam is inflated and seals all around the internal circumference of the pipe, the excess purge gas

spills out and purges the space around the weld joint, which then pushes the air out into the open atmosphere.

Each Weld Purge Dam is equipped with a purge / inflation hose (black), an extra purge gas hose (blue) as well as an exhaust for connecting a Weld Purge Monitor® (red).

Four pull loops are located around the circumference of the Weld Purge Dam.

It is not always practical to use a complete Inflatable Tandem Weld Purging System, so these easy to insert and easy to use, made from the correct materials for weld purging, are much more suitable.

Weld Purge Dams can be purchased for any diameter within their manufacturing range and can be used in connection with other styles or sizes of dams elsewhere within the piping system.

Now there is no more reason to put welds at risk by using cheaper materials, when for a very low cost, professionally designed and manufactured Inflatable Weld Purge Dams can be purchased instead.

**USE AN ENGINEERED SOLUTION and  
ELIMINATE:**

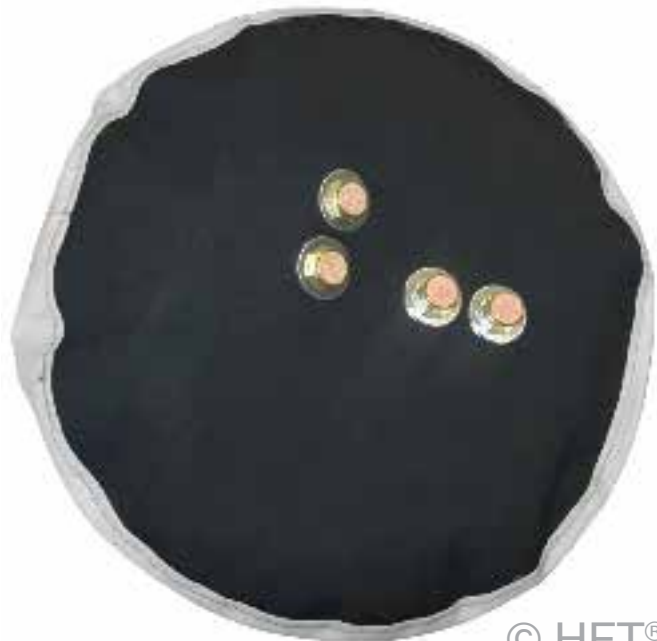
- Wasted time making foam plugs or similar dams made from unsuitable materials for weld purging.
- Weld coking.
- Oxidation.
- Weld root contamination.
- Weld cut-outs.
- Loss of corrosion resistance.
- Other issues that might occur as a result of using wood, masking tape, foam or other unsuitable materials that can release massive amounts of air, oxygen, hydrogen, carbon, gases and water into the weld zone during the welding process.

Apart from the benefit of having a metallurgically sound weld, the difficulties of cleaning an oxidised weld are eliminated, saving vast amounts of money in labour and material costs as well as the disposal costs where acids are concerned.

**HEAT RESISTANT DAMS:**

For applications where temperatures might reach as high as 300°C, such as welding chrome steels or high strength stainless steels, Argweld® Heat Resistant Dams are available.

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