

# Weld Purge Dams

## INFLATABLE TUBE and PIPE PURGING SYSTEMS



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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 (152 mm up to 2,235 mm).

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 tags 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.

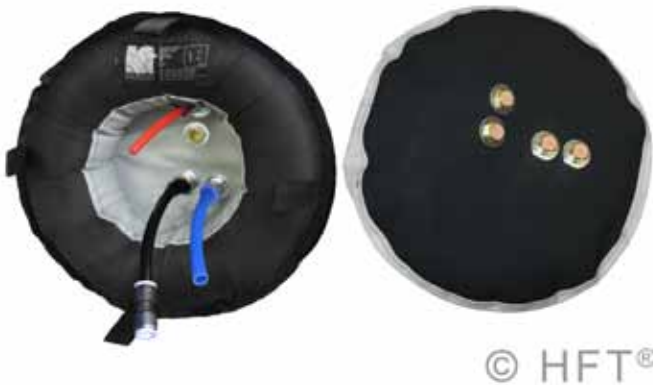
Weld Purge Dams can be purchased for any diameter within their manufacturing range and can be used in connection with other styles or sizes of dams elsewhere within the piping system.

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, gasses 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 760°C(1,400°F), such as welding chrome steels or high strength stainless steels, Argweld® Heat Resistant Dams are available.

Can be used in conjunction with:

**ARGWELD® PURGEYE® 100 IP65**



**MAIN FEATURES:**

- New IP65 dustproof and waterproof accredited.
- Vacuum brazed stainless steel probe assembly.
- Robust carry / presentation storage case.
- Auto safety break wrist or neck carry strap.
- Push button 'auto calibration' feature.
- Low battery indicator and low sensor indicator.
- Enlarged screen and larger digits.
- Tripod mount.
- Protective rubber cover (optional).
- Special leak tight quick connect/disconnect fittings for gas purge tubing.
- Automatic sleep mode when not in use.

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**HUNTINGDON FUSION  
TECHNIQUES ■ HFT**

**Other HFT® Weld Purging Products**

Argweld® Inflatable Tube Pipe & Pipeline Weld Purging Systems  
Argweld® PurgEye® Weld Purge Monitors®  
Argweld® Weld Purge Film® & Weld Purge Super Adhesive®  
Argweld® Weld Backing Tape™ & Weld Purge Tape™  
Argweld® Weld Trailing Shields®  
Argweld® Flexible Welding Enclosures®  
Argweld® Weld Purge Plugs™ & Orbital Welding Plugs  
Techweld® MultiStrike® Tungsten Electrodes  
Techweld® MultiStrike® Tungsten Electrode Grinder

**Our HFT Pipestoppers® Division**

Nylon, Aluminium, Steel and Rubber Pipe Plugs and Inflatable Stoppers