

# Argweld® Heat Resistant Covers

For **PurgElite®**

Inflatable Tube and Pipe Purging Systems



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## **INTRODUCTION:**

Now that the popularity of the **PurgElite®** Systems has been established, we have released Heat Resistant Covers as accessories, to protect the systems for applications where the temperature of the metal near the dams is likely to exceed 80°C (176°F).

**Argweld® Heat Resistant Covers** are designed to prevent damage to the **PurgElite®** Inflatable Tube and Pipe Purging Systems, in particular when they are exposed to temperatures of up to 300°C (572°F).

These specially designed Heat Resistant Covers can endure such high temperatures, which protects the inflatable dams, preventing them being damaged or bursting.

These Heat Resistant Covers provide a simple, low cost solution to help to make the cleanest, non-oxidised, zero colour welds.

Like the purging systems, the Heat Resistant Covers are reusable time and time again, without losing their heat protecting properties.

The HFT® **HotPurge®** Systems are very popular for heat-treated pipework, however it is not possible to manufacture this design for diameters below 6", which is one reason for providing Heat Resistant Covers for the **PurgElite®** Systems.

The Heat Resistant Covers are usually provided as pairs, although they can be purchased individually in case of damage or loss.

## MAIN FEATURES:

- The Heat Resistant Covers have a temperature resistance up to 300°C (572°F).
- They are available for PurgElite® Systems, sizes ranging from 1 to 24" (25 to 610 mm).
- Ties on each Heat Resistant Cover ensure they are held securely to the Inflatable Tube and Pipe Purging System.
- Holes are designed and manufactured on each Heat Resistant Cover for the PurgElite® and PurgExtra® fittings, such as inlet, exhaust, Weld Purge Monitor® connection and crimped end.
- The Heat Resistant Covers are sold as a set of two, however individual ones can be purchased if necessary.
- Heat Resistant Covers can also be manufactured for any other make of Inflatable Tube and Pipe Purging System.
- PurgElite® Systems can be manufactured with longer spinal hoses, so that the dams sit further to the outside of the heat treated zone, where the temperature has cooled sufficiently to suit the dams and any heat protecting material used.



## OTHER HFT® PRODUCTS:

HFT® manufactures other products for tube and pipe welding, including **QuickPurge®**, **HotPurge®** and **PurgElite®** Systems.

They are designed to purge the contaminating gasses such as oxygen, nitrogen and water vapour etc, from the rear of the weld.

This eliminates possible reject at worst and at best the post weld cleaning of the weld root, saving significant amounts of money in labour and material costs, as well as the disposal costs where acids are concerned.

Many companies are still fabricating their own home made purging systems made of foam, cardboard, adhesive tape, wood and so on. Like paper these materials contain a high percentage of water and water is very undesirable to have in the presence of a weld.

It is very cost effective to change to Argweld® Purging Systems where you will pay for the purging products in only one weld and start to save your company money immediately afterwards.



### QuickPurge®

Inflatable Tube, Pipe and Pipeline Weld Purge Systems



### HotPurge®

Inflatable Pipe Weld Purging Systems for Heat Treated Chrome Steel Pipe Joints where the post weld heat treatment temperatures may be as high as 760°C (1400°F).



PurgEye® 100 IP 65 Weld Purge Monitor®.

## HUNTINGDON FUSION TECHNIQUES ■ HFT

### Our Product Range:

Argweld® Inflatable Pipe Weld Purge Systems  
Argweld® PurgEye® Weld Purge Monitors® (100 to 1000)  
Argweld® Water Soluble Weld Purge Film and Weld Purge Super Adhesive™  
Argweld® Weld Trailing Shields®  
Argweld® Weld Backing Tape™ & Weld Purge Tape™  
Argweld® Flexible Welding Enclosures®  
Argweld® Weld Purging Plugs™ & Orbital Welding Plugs  
Techweld® MultiStrike® Tungsten Electrodes  
HFT Pipestoppers® Pipe Plugs & Stoppers, Nylon, Aluminium & Steel  
HFT Pipestoppers® Inflatable Stoppers  
HFT Pipestoppers® Pipe Freezing Equipment