

# QuickPurge®

for Purging Tube, Pipe and Pipeline Joints



## Frequently Asked Questions

### 1. How can Argweld® QuickPurge® help me?

Dramatically reduced welding times achieved. Phenomenal savings in argon. For example, a 36" (900 mm) pipe joint might take from 4 to 8 hours to prepare and purge properly when using homemade devices such as discs made from cardboard, foam or rubber.

With Argweld® **QuickPurge®**, it takes as little as 10 minutes which includes placing the system into position, inflating the dams and purging.

### 2. What range of sizes is available?

6 to 88" (152 to 2,235 mm).

### 3. What is the overall length?

Lengths will vary according to the diameter. The space between the dams is kept very short to minimise inert gas use consistent with the need to provide adequate gas coverage.

### 4. Can QuickPurge® Systems be used for 'return bends'?

It is necessary to tell HFT® at the time of order, that the **QuickPurge®** System is required for return bends. We will then manufacture longer collars to provide the necessary space to prevent the dams from being too close to the weld.

### 5. Are Argweld® QuickPurge® Systems re-usable?

Yes, **QuickPurge®** pays for itself in a few welds. **QuickPurge®** is rugged and can be used for multiple welds.

### 6. What gases can I use with QuickPurge® Systems ?

Argon (Europe) and helium (North America) are the most common gases but any gas or gas mix can be used. Argon/hydrogen mixes and nitrogen have been used successfully.

### 7. What are QuickPurge® Systems made from?

Predominantly low vapour pressure, flexible, durable, heat resistant materials selected for longevity.

### 8. How cost-effective are QuickPurge® Systems?

Ask for our return on investment sheet. The savings using **QuickPurge®** are really stunning.

### 9. Are QuickPurge® Systems resistant to heat?

Yes, **QuickPurge®** is resistant to the heat of all typical arc welding processes. Special heat-protected purge systems are available to accommodate pre-weld and post weld heat treated joints. Heat Protecting Band accessories are available for Keyhole Tig or Keyhole Plasma welding. Or for any other applications where the material under the weld becomes too hot.

### 10. How do I measure the residual oxygen content?

Use a dedicated Argweld® **PurgEye®** Weld Purge Monitor®.

### 11. How do I position the product in the pipeline?

**QuickPurge®** Systems are manufactured with high strength pull loops that allow the fixing of pull cords.

**RootGlo®** is a glow strip fixed in the centre of the **QuickPurge®** sleeve which can be seen readily through the root gap when making open root welds. Exposure to 10 minutes of light provides illumination inside the pipe for up to 20 hours.

### 12. How long will QuickPurge® Systems remain inflated?

Continuous purging will ensure effective sealing and this allows time for post-weld cooling and x-ray or ultrasonic inspection. Deflation is instant once the argon feed hose has been disconnected.