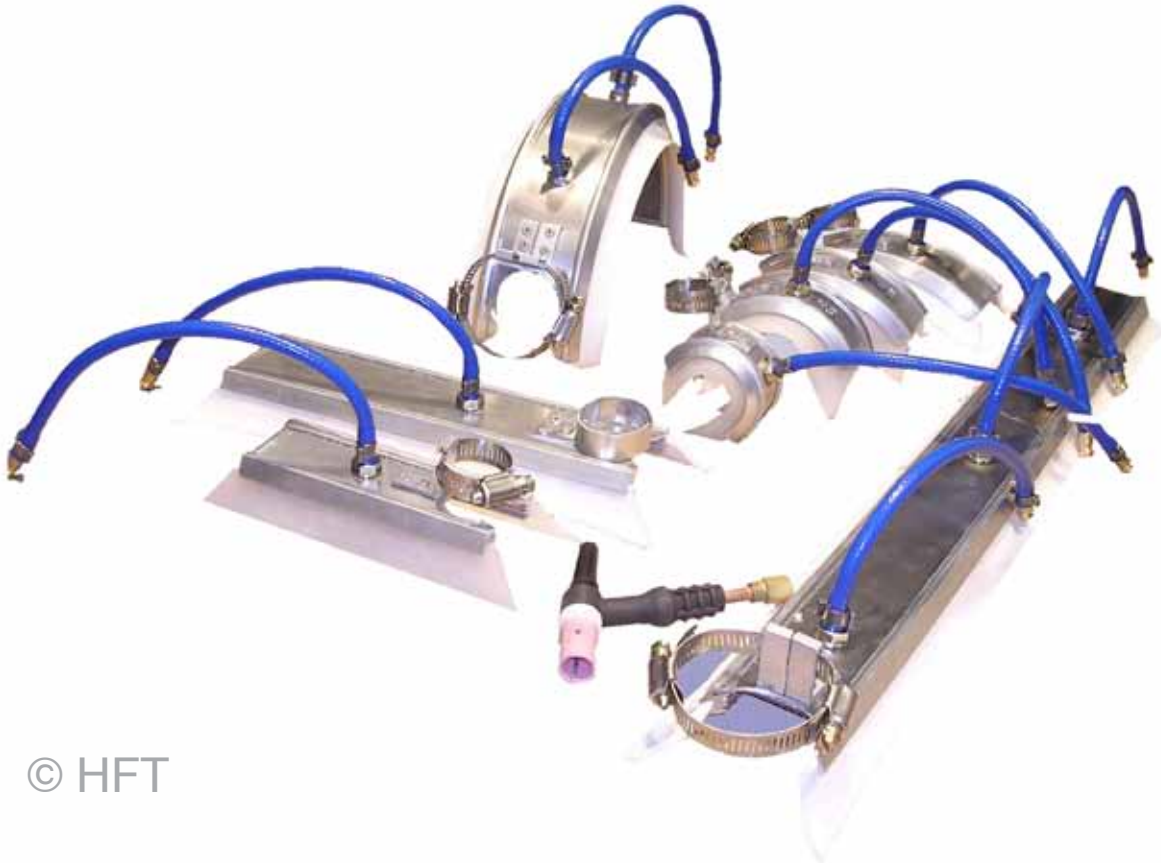


Argweld® WELD TRAILING SHIELDS™ FOR TITANIUM AND STAINLESS STEEL WELDING



HUNTINGDON FUSION
TECHNIQUES ■ HFT



© HFT

Argweld® **Weld Trailing Shields™** are designed for high quality gas coverage of titanium and stainless steel during welding to prevent oxidation.

They will fit any make of TIG (GTAW) or Plasma (PAW) welding torch for manual or automatic welding, on Flat Sheet or Plate and the outsides or insides of tubes or pipes.

By using an Argweld® **Weld Trailing Shield™** welds will be left bright and shiny and eliminate discolouration and oxidation.

Argweld® **Weld Trailing Shields™** will reduce gas consumption, save re-work and eliminate wasted material costs due to oxidation.

Argweld® **Weld Trailing Shields™** can be used for welding stainless steels, duplexes as well as titanium and any other weldable metal where discolouration or oxidation needs to be eliminated.

The shields are manufactured to weld flat plate and most diameter tube, pipe or vessel.

The radiused models are provided to suit the exact diameter of pipe or vessel being welded.

Argweld® Weld Trailing Shields™ for Automatic Welding Torches



© HFT

Huntingdon Fusion Techniques HFT®, manufactures Trailing Shields for Automatic TIG (GTAW) and Plasma (PAW) welding applications, as well as for Manual Welding Torches.

The Shields for Automatic Welding Applications are longer and wider than those for Manual Welding. They have additional gas hoses for extra gas shielding necessary for the faster welding speeds encountered with Automatic Welding Techniques.

Special widths and lengths are available on request.



© HFT

The picture above shows a typical radiused Trailing Shield for the Manual Welding of pipes and vessels on the Left.

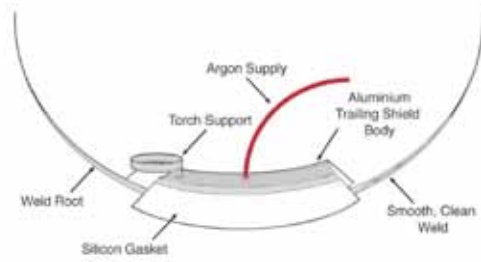
The channels in which the replaceable silicon gasket are located, can be clearly seen.

On the right is a Trailing Shield for an Automatic Welding Torch, showing the multiple shield gas hoses.

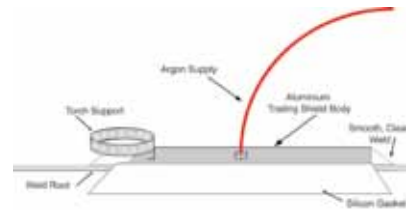
All shield gas hoses are fitted with non return valves so that the gas supply is isolated as soon as the trailing shields are unplugged from the gas supply.

The Silicon Rubber Gaskets, wear, burn and become brittle during use (you will need to replace the gaskets from time to time). They are available either prefabricated to length or as continuous strip to your desired length. These are regarded as a consumable.

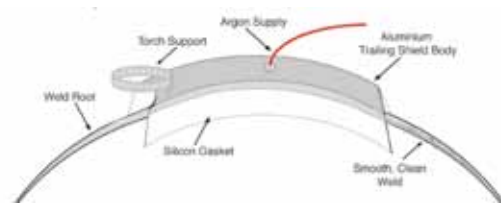
Typical ID Radius Trailing Shield Application



Typical Flat Trailing Shield Application



Typical OD Radius Trailing Shield Application



Argweld® Flexible Welding Enclosures™

The Argweld® range of flexible welding enclosures has been designed for applications where a rigid chamber may not be economically viable or where space may be at a premium.



Typical applications include the occasional and production welding of titanium and nickel alloy components for the aerospace, medical and racing car industries and for the welding of stainless steel components to eliminate the expensive cleaning of discolouration.

(AJ01 LFT 11-09-2013 AH

HUNTINGDON FUSION
TECHNIQUES ■ HFT

Our Product Range:

- Argweld® Inflatable Pipe Weld Purge Systems
- Argweld® PurgEye® Weld Purge Monitors® (100 to 600)
- 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