



S/PIA[®]



S/P/A[®] ROOT PURGING SYSTEM

The S/P/A[®] ROOT PURGING SYSTEM is designed to protect the inside of pipe welding seams from oxygen, especially important when welding high grade alloy steel. The pipe is sealed with the S/P/A[®] ROOT PURGING SYSTEM to the weld gap and purged with forming gas. This ensures that the weld seam (root) will be protected from oxygen.

The S/P/A[®] ROOT PURGING SYSTEM consists of high temperature resistant silicone sealing discs and aluminium supporting discs assuring a perfect stabilisation and sealing of the pipe. Further it has a sintered brass gas diffuser providing a homogenous gas flow. In combination with a tackle the S/P/A[®] ROOT PURGING SYSTEM can be positioned and removed easily and quickly in the pipe. At the other end of the system a small gas distributor ensures that gas can leak and the gas pressure in the S/P/A[®] ROOT PURGING SYSTEM remains constant. This guarantees a perfect protection of the root seam.

The connecting device between the sealing and supporting discs is available in a fixed or flexible version to allow ideal access to pipe elbows.

The S/P/A[®] ROOT PURGING SYSTEM offers following advantages:

- ease of operation
- covers pipe diameters from Ø 50 mm (2") to Ø 500 mm (20")
- highly flexible for different pipe diameters and pipe elbows
- cost effective pricing thanks to modular system
- high durability and highest quality of single components
- quick installation and removal ensured
- optimal sealing through variable Sealing Disc combinations