

Large diameter silicon seal purging systems

The Gas Cylinder system has been designed to further reduce gas usage on larger diameter pipes by localising the purge area to the weld root.

The Gas Cylinders are available for pipes from 200 to 705mm diameter. These tools use two heat-resistant sealing lips to form the seal capable of coping with 300°C for up to one hour. Due to their design, these cylinders have extremely short purge times of 1½ - 2½ minutes for all dimensions.

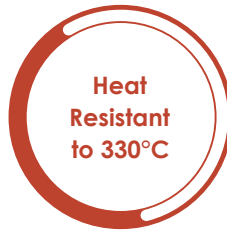
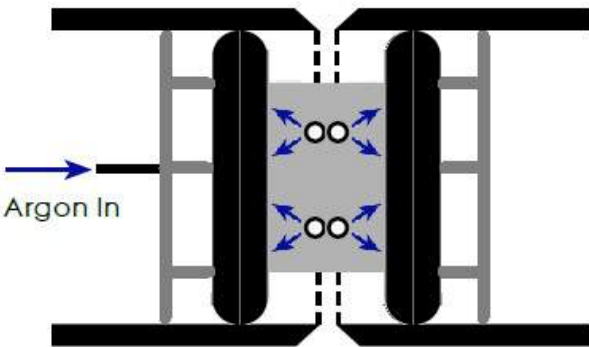
The Gas cylinders are designed with pull-through balls to enable the unit to be easily retrieved out of a straight section of pipe, or a pipe with a series of bends or elbows.

The purge area is isolated, so there is no need to purge the entire length of pipe to be welded, thereby minimizing gas usage.



Features and Advantages

- Minimal gas usage, the purge area is localised to the weld root
- Typical purge times of 1½ to 2½ mins
- Strong and robust
- Lightweight aluminium construction



Sizing and Specification

PART NO.	RANGE (MM)
PC-1	330—360mm i/d
PC-2	380—410mm i/d
PC-3	420—450mm i/d
PC-4	470—505mm i/d
PC-5	570—605mm i/d
PC-6	625—660mm i/d
PC-7	670—705mm i/d

** Larger sizes and specials available on request*