

Twin Bag Purge Systems

Sizes: 2" - 48" (50mm - 1200mm)

GBC Twin Bag Purging Systems consist of two inflatable bags connected by a spinal tube and a pressure valve. The system is positioned by viewing the luminous tape through the weld joint gap. E-Z ZONE TAPE is used to seal the weld gap and purge gas flow can commence at up to 10 Ltr/min. The bags inflate and a seal is created either side of the weld joint. The pressure valve then releases gas into the weld chamber and the purging process commences.

By using a GBC Oxygen Monitor to constantly measure the oxygen content in the weld chamber the welder will know when to reduce the gas flow to c. 5 Ltr/min and commence welding.

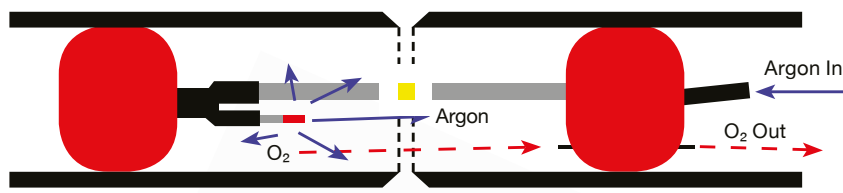
At the end of the weld it may be necessary to reduce the gas even more to avoid a blow back.

The system is left in position post welding with gas flowing until the weld joint temperature drops to below oxidation levels, then the purge gas feed is disconnected, the bags deflate and the system can be withdrawn.

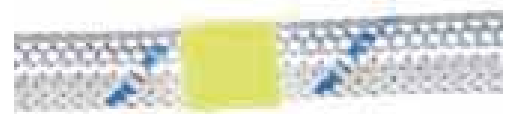
Part Nos & Sizing		
Part No.	Size inches	Expansion Range
TP02	2	44-57 mm
TP03	3	58-84 mm
TP04	4	80-110 mm
TP05	5	103-135 mm
TP06	6	124-162 mm
TP08	8	175-213 mm
TP10	10	230-265 mm
TP12	12	265-305 mm

* Larger sizes available upon request

How it works



The Gas Release Valve is pre-set and sealed, no adjustment required



Luminous strip aids the operator to centre system to the weld gap