

RAPID PURGE™ SYSTEM PATENTED PRODUCT

Sizes: 8 to 80" (200 to 2035 mm)

Purge larger diameter pipes faster than ever!

Used for stainless, duplex and chrome steels, titanium, nickel and other alloy materials, PIPE Ltd's Rapid Purge™ systems enable high speed welding of pipe joints that have to be purged.

Designed to enable the user to produce high quality, reliable and repeatable welding of stainless steel tube and pipe joints to ensure a very fast weld purge time and a very high quality weld root, free from oxidation and discolouration.

A 36" diameter pipe will purge to below 0.1% oxygen in less than 10 minutes and all smaller pipes correspondingly faster.

Dramatic savings of time, gas and money can be made by using these systems.

Due to the quality of the materials used, the Rapid Purge systems can be used over and over again further reducing manufacturing costs.

As with all of PIPE Ltd's inflatable purging systems, the Rapid Purge™ come with preset valves, so are ready to use 'straight out of the box'. And are developed specifically to enable high speed purging for any pipe welding application.



12"

Features and advantages

- **Typical purge times of less than 10 minutes!!!**

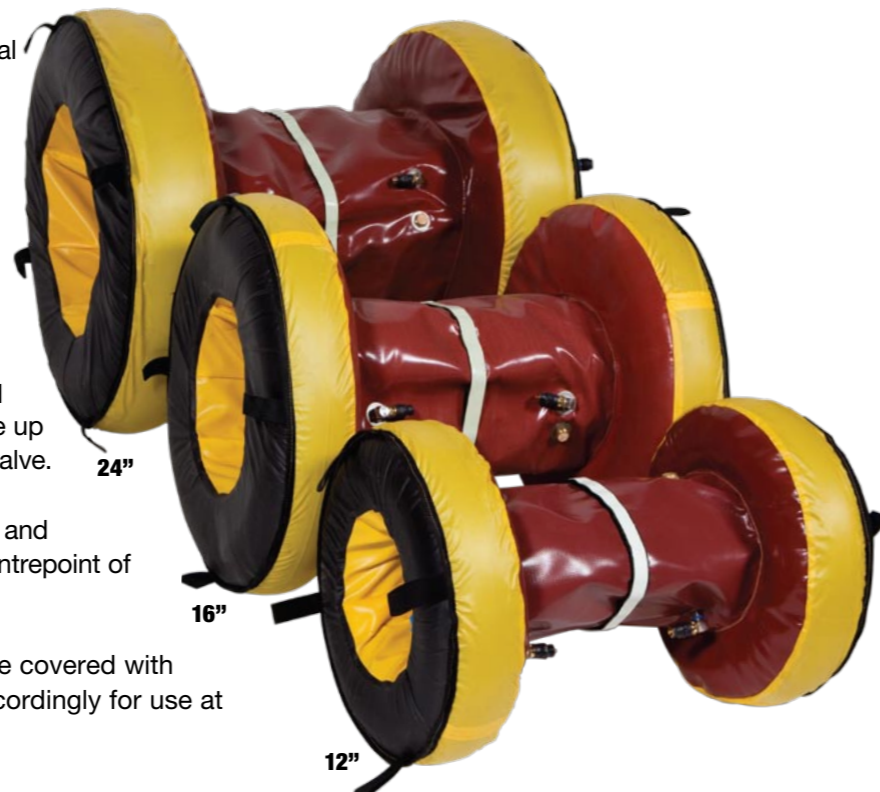
- The unique "thru-bore" design of the central sleeve minimises the area to be purged, dramatically reducing the volume of gas required.

- Friction free coatings allow easy movement through pipes from one joint to another, even around bends and elbows.

- Ready to use, connects to a dedicated and regulated gas supply. Choose any flow rate up to 80l/min. through the twin preset purge valve.

- A central (glow in the dark) strip allows fast and accurate alignment of the system to the centrepoint of the weld area.

- The inflatable dams and umbilical hose are covered with a heat resistant material and insulated accordingly for use at temperatures up to 250°C.



24"

16"

12"

How it works

The Rapid Purge™ Inflatable Pipe Purging Systems for pipe and vessel purging comprises a tandem inflatable dam system connected by an umbilical hose and collar to reduce the volume being purged. A gas exhaust valve is installed between the primary and secondary dam, along with an auxiliary argon purge line.

Each Rapid Purge™ System is covered with heat protective material, so that the higher temperatures closer to the weld do not damage the system.

The robust design of the Rapid Purge™ Inflatable Pipe Weld Purging Systems allows for many years of repeatable trouble free use.

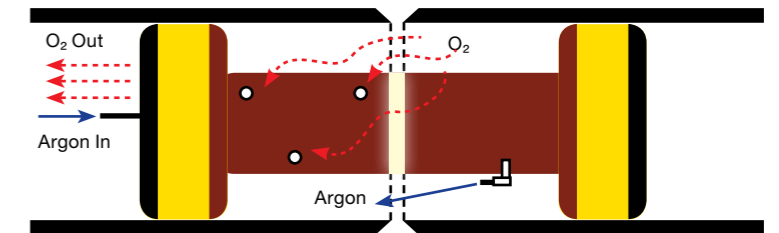
Standard sizes 8 to 80" are available in large quantities for immediate delivery from stock. Special sizes are available within 7 days.



Rapid Purge used to weld a stainless steel elbow.



48"



Sizing and specification

PART N°	DESCRIPTION	PRODUCT SIZES		EXPANSION RANGE	WEIGHT
RP08	Rapid Purge™	8"	200 mm	190 - 215 mm	1.4 kg
RP10	Rapid Purge™	10"	250 mm	242 - 267 mm	1.7 kg
RP12	Rapid Purge™	12"	300 mm	291 - 316 mm	2.1 kg
RP14	Rapid Purge™	14"	350 mm	318 - 343 mm	2.5 kg
RP16	Rapid Purge™	16"	400 mm	369 - 394 mm	2.7 kg
RP18	Rapid Purge™	18"	450 mm	420 - 445 mm	3.0 kg
RP20	Rapid Purge™	20"	500 mm	471 - 496 mm	3.4 kg
RP22	Rapid Purge™	22"	550 mm	553 - 577 mm	3.6 kg
RP24	Rapid Purge™	24"	600 mm	572 - 597 mm	3.8 kg
RP26	Rapid Purge™	26"	650 mm	620 - 645 mm	4.5 kg
RP28	Rapid Purge™	28"	700 mm	671 - 696 mm	5.5 kg
RP30	Rapid Purge™	30"	750 mm	722 - 747 mm	6.0 kg
RP32	Rapid Purge™	32"	800 mm	772 - 797 mm	8.0 kg
RP36	Rapid Purge™	36"	900 mm	874 - 899 mm	9.1 kg
RP40	Rapid Purge™	40"	1000 mm	990 - 1015 mm	9.9 kg
RP42	Rapid Purge™	42"	1050 mm	1023 - 1048 mm	13.2 kg
RP44	Rapid Purge™	44"	1100 mm	1125 - 1150 mm	13.7 kg
RP48	Rapid Purge™	48"	1200 mm	1175 - 1200 mm	15.0 kg
RP54	Rapid Purge™	54"	1371 mm	1359 - 1384 mm	18.0 kg
RP60	Rapid Purge™	60"	1524 mm	1512 - 1537 mm	20.0 kg
RP72	Rapid Purge™	72"	1828 mm	1816 - 1841 mm	28.0 kg
RP80	Rapid Purge™	80"	2031 mm	2019 - 2044 mm	30.0 kg

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