

# HEAT RESISTANT PURGING SYSTEMS

**Sizes: 3" to 80" (75 to 2035mm)**

## Systems For the Fast Purging of High Temperature Pipework.

The Pipe Purge Bag and Rapid Purge Systems are both available as heat resistant versions

Designed for use when high temperatures will be encountered during the process of pipe welding; such as pre-heated pipework, and pipes where very high temperatures are required for welding.



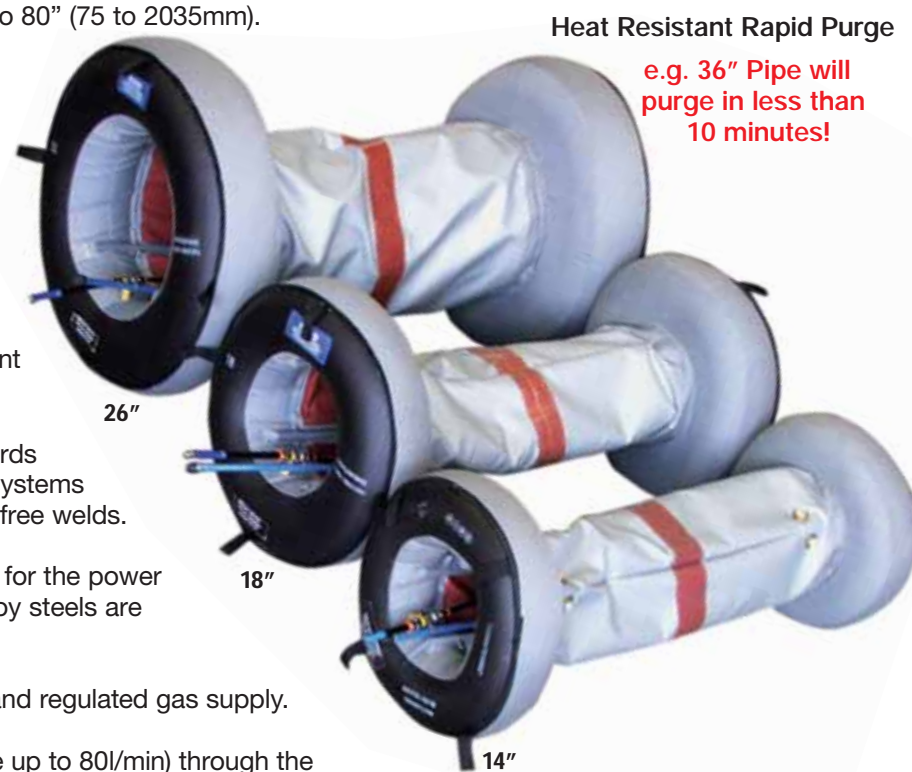
These versions of our inflatable Pipe purging systems are heat resistant up to 350°C (572°F) for up to 24 hours, or up to 500°C for short periods of time, as with the standard systems, the heat resistant systems are available for all pipe diameters from 3" to 80" (75 to 2035mm).

Mirroring the features of the standard range of inflatable purging systems, the heat resistant range comes with a central band for rapid centering of the system to the weld root for the fastest set up times.

The welder can position these systems prior to pre-heating and leave them in place throughout the pre-heating, welding and post-heat treatment cycles, allowing the weld to be purged continuously for up to 24 hours if necessary.

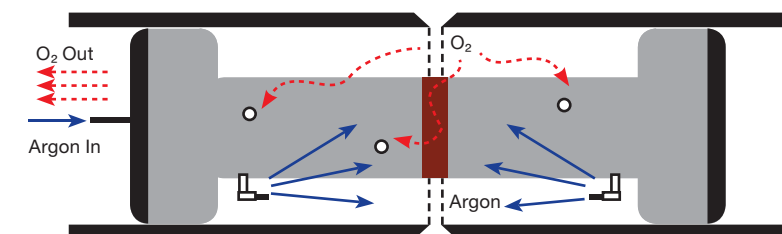
## Features and advantages

- Heat resistant up to 350°C (572°F) for up to 24 hours, or up to 500°C for short periods
- Available for all pipe diameters from 3" to 80" (75 to 2035mm).
- Designed to be flexible, for ease of insertion, use and withdrawal from pipes, bends, elbows etc.
- Suitable for 24 hour cycles including pre-heat, welding and post-weld heat treatment.
- A central strip allows fast and accurate alignment of the system to the centrepoint of the weld area.
- Manufactured to Nuclear Quality Standards with nuclear approved materials, these systems guarantee bright, shiny, coke and oxide-free welds.
- Designed and manufactured specifically for the power industry where high strength chrome alloy steels are more frequently used.
- Ready to use, connects to a dedicated and regulated gas supply. Choose any flow rate (Purge Bags - up to 20l/min/Rapid Purge up to 80l/min) through the twin preset purge valve.



## How it works:

Both the Heat Resistant PIPE Purge Bag system and the Heat resistant Rapid Purge System work identically to the standard systems, but are made using a purposely designed Nomex and Kevlar mix material to withstand the temperatures typically encountered when welding exotic materials.



## Sizing and specification

PART N°	DESCRIPTION	PRODUCT SIZES	EXPANSION RANGE	WEIGHT
HRPB03	Purge Bag	3" 75mm	63 - 75 mm	1.1kg
HRPB04	Purge Bag	4" 100mm	92 - 100 mm	1.2kg
HRPB05	Purge Bag	5" 125mm	113 - 125 mm	1.25kg
HRPB06	Purge Bag	6" 150mm	138 - 150 mm	1.3kg
HRPB07	Purge Bag	7" 175mm	163 - 175 mm	1.4kg
HRRP08	Rapid Purge™	8" 200 mm	190 - 215 mm	1.4 kg
HRRP10	Rapid Purge™	10" 250 mm	242 - 267 mm	1.7 kg
HRRP12	Rapid Purge™	12" 300 mm	291 - 316 mm	2.1 kg
HRRP14	Rapid Purge™	14" 350 mm	318 - 343 mm	2.5 kg
HRRP16	Rapid Purge™	16" 400 mm	369 - 394 mm	2.7 kg
HRRP18	Rapid Purge™	18" 450 mm	420 - 445 mm	3.0 kg
HRRP20	Rapid Purge™	20" 500 mm	471 - 496 mm	3.4 kg
HRRP22	Rapid Purge™	22" 550 mm	553 - 577 mm	3.6 kg
HRRP24	Rapid Purge™	24" 600 mm	572 - 597 mm	3.8 kg
HRRP26	Rapid Purge™	26" 650 mm	620 - 645 mm	4.5 kg
HRRP28	Rapid Purge™	28" 700 mm	671 - 696 mm	5.5 kg
HRRP30	Rapid Purge™	30" 750 mm	722 - 747 mm	6.0 kg
HRRP32	Rapid Purge™	32" 800 mm	772 - 797 mm	8.0 kg
HRRP36	Rapid Purge™	36" 900 mm	874 - 899 mm	9.1 kg
HRRP40	Rapid Purge™	40" 1000 mm	990 - 1015 mm	9.9 kg
HRRP42	Rapid Purge™	42" 1050 mm	1023 - 1048 mm	13.2 kg
HRRP44	Rapid Purge™	44" 1100 mm	1125 - 1150 mm	13.7 kg
HRRP48	Rapid Purge™	48" 1200 mm	1175 - 1200 mm	15.0 kg
HRRP54	Rapid Purge™	54" 1371 mm	1359 - 1384 mm	18.0 kg
HRRP60	Rapid Purge™	60" 1524 mm	1512 - 1537 mm	20.0 kg
HRRP72	Rapid Purge™	72" 1828 mm	1816 - 1841 mm	28.0 kg
HRRP80	Rapid Purge™	80" 2031 mm	2019 - 2044 mm	30.0 kg

Most sizes are available in large quantities for immediate delivery from stock. Special sizes are available within 7 days.