



# HEAT RESISTANT PURGING SYSTEMS

Sizes: 3 - 80" (63 - 2044mm)

## Systems for the fast Purging of High Temperature Pipework

The TAG 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 - 80" (75 - 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.

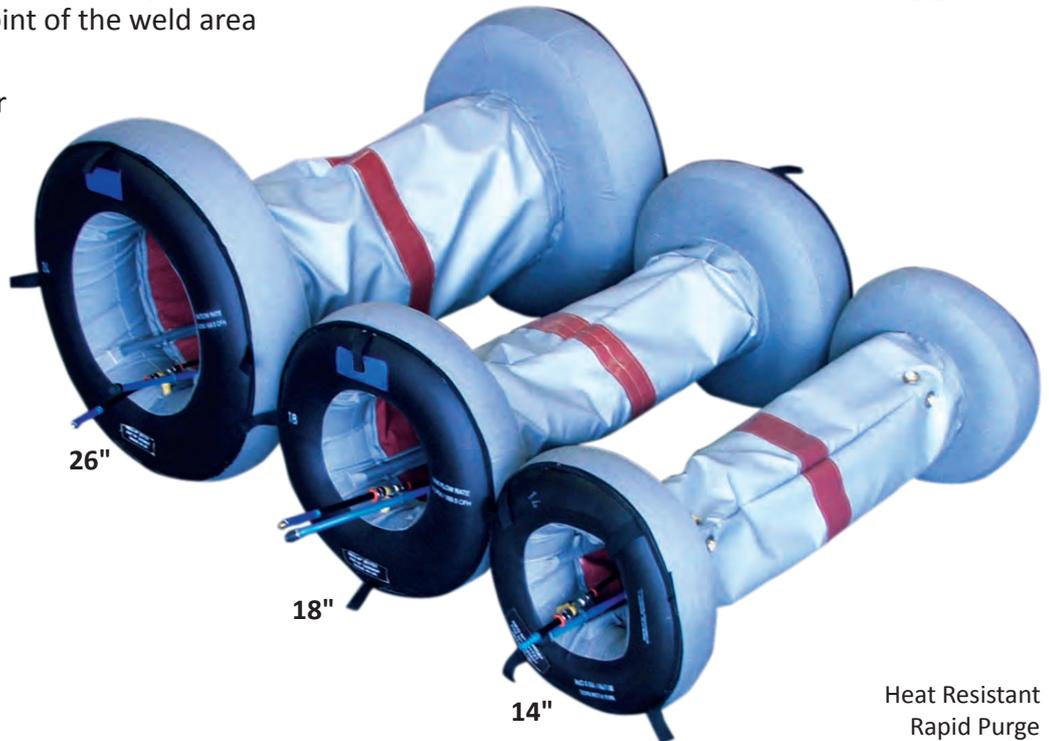
The welder can position these systems prior to pre-heating and leave them in place throughout the pre-heating, welding and post-heat treatment cycles, allowing the weld to be purged continuously for up to 24 hours if necessary.



e.g. 7" Pipe will purge in less than 4 minutes!

## 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" (63 to 2044mm)
- 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 centre-point 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 pre-set purge valve



Heat Resistant Rapid Purge  
e.g. 36" Pipe will purge in less than 10 minutes!



[www.TAG-PIPE.COM](http://www.TAG-PIPE.COM)

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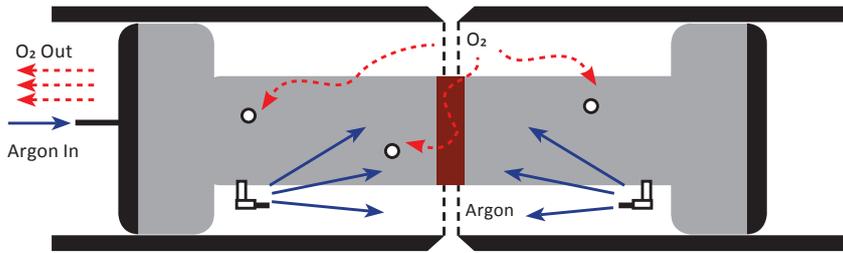
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## How it works

Both the Heat Resistant TAG Pipe Purge 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.



7"



14"

## Sizing and Specification

PART NO.	DESCRIPTION	PRODUCT SIZES (MM / INCH)		EXPANSION RANGE (MM)	WEIGHT (KG)
PB03/HR	Purge Bag Heat Resistant	75mm	3"	63 - 75mm	1.1kg
PB04/HR	Purge Bag Heat Resistant	100mm	4"	92 - 100mm	1.2kg
PB05/HR	Purge Bag Heat Resistant	125mm	5"	113 - 125mm	1.25kg
PB06/HR	Purge Bag Heat Resistant	150mm	6"	138 - 150mm	1.3kg
PB07/HR	Purge Bag Heat Resistant	175mm	7"	163 - 175mm	1.4kg
RP08/HR	Rapid Purge™ Heat Resistant	200mm	8"	190 - 215mm	1.4kg
RP10/HR	Rapid Purge™ Heat Resistant	250mm	10"	242 - 267mm	1.7kg
RP12/HR	Rapid Purge™ Heat Resistant	300mm	12"	291 - 316mm	2.1kg
RP14/HR	Rapid Purge™ Heat Resistant	350mm	14"	318 - 343mm	2.5kg
RP16/HR	Rapid Purge™ Heat Resistant	400mm	16"	369 - 394mm	2.7kg
RP18/HR	Rapid Purge™ Heat Resistant	450mm	18"	420 - 445mm	3.0kg
RP20/HR	Rapid Purge™ Heat Resistant	500mm	20"	471 - 496mm	3.4kg
RP22/HR	Rapid Purge™ Heat Resistant	550mm	22"	553 - 577mm	3.6kg
RP24/HR	Rapid Purge™ Heat Resistant	600mm	24"	572 - 597mm	3.8kg
RP26/HR	Rapid Purge™ Heat Resistant	650mm	26"	620 - 645mm	4.5kg
RP28/HR	Rapid Purge™ Heat Resistant	700mm	28"	671 - 696mm	5.5kg
RP30/HR	Rapid Purge™ Heat Resistant	750mm	30"	722 - 747mm	6.0kg
RP32/HR	Rapid Purge™ Heat Resistant	800mm	32"	772 - 797mm	8.0kg
RP36/HR	Rapid Purge™ Heat Resistant	900mm	36"	874 - 899mm	9.1kg
RP40/HR	Rapid Purge™ Heat Resistant	1000mm	40"	990 - 1015mm	9.9kg
RP42/HR	Rapid Purge™ Heat Resistant	1050mm	42"	1023 - 1048mm	13.2kg
RP44/HR	Rapid Purge™ Heat Resistant	1100mm	44"	1125 - 1150mm	13.7kg
RP48/HR	Rapid Purge™ Heat Resistant	1200mm	48"	1175 - 1200mm	15.0kg
RP54/HR	Rapid Purge™ Heat Resistant	1371mm	54"	1359 - 1384mm	18.0kg
RP60/HR	Rapid Purge™ Heat Resistant	1524mm	60"	1512 - 1537mm	20.0kg
RP72/HR	Rapid Purge™ Heat Resistant	1828mm	72"	1816 - 1841mm	28.0kg
RP80/HR	Rapid Purge™ Heat Resistant	2031mm	80"	2019 - 2044mm	30.0kg

\* Larger sizes and specials available on request



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