

Systems for the fast Purging of High Temperature Pipework

The PPM 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" (63 - 2,035 mm).

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 2,044 mm)
- 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 center-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

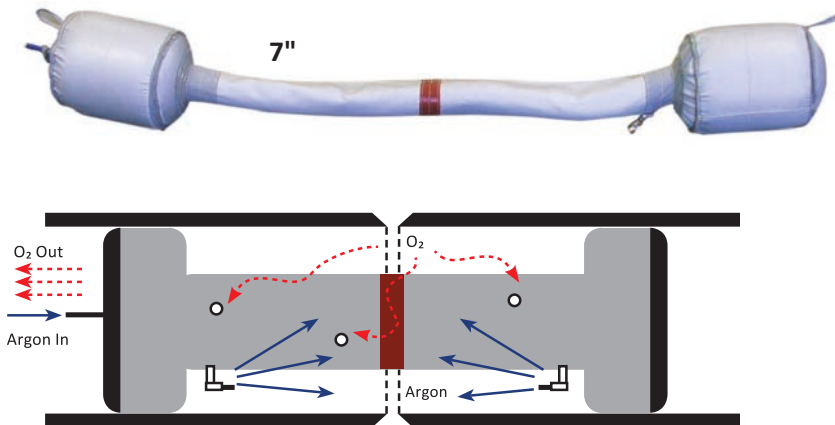


Heat Resistant Rapid Purge

e.g. 36" Pipe will purge in less than 10 minutes!

How it works

Both the Heat Resistant 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.



Sizing and Specification

PART NO.	DESCRIPTION	PRODUCT SIZES		EXPANSION RANGE	WEIGHT
PB03/HR	Purge Bag Heat Resistant	76 mm	3"	2.48" - 2.95" / 63 - 75 mm	2 lbs. / 1.1 kg
PB04/HR	Purge Bag Heat Resistant	100 mm	4"	3.62" - 3.93" / 92 - 100 mm	2 lbs. / 1.2 kg
PB05/HR	Purge Bag Heat Resistant	125 mm	5"	4.44" - 4.92" / 113 - 125 mm	2 lbs. / 1.25 kg
PB06/HR	Purge Bag Heat Resistant	150 mm	6"	5.43" - 5.90" / 138 - 150 mm	2 lbs. / 1.3 kg
PB07/HR	Purge Bag Heat Resistant	175 mm	7"	6.41" - 6.88" / 163 - 175 mm	3 lbs. / 1.4 kg
RP08/HR	Rapid Purge™ Heat Resistant	200 mm	8"	7.48" - 8.46" / 190 - 215 mm	3 lbs. / 1.4 kg
RP10/HR	Rapid Purge™ Heat Resistant	250 mm	10"	9.52" - 10.51" / 242 - 267 mm	3 lbs. / 1.7 kg
RP12/HR	Rapid Purge™ Heat Resistant	300 mm	12"	11.45" - 12.44" / 291 - 316 mm	4 lbs. / 2.1 kg
RP14/HR	Rapid Purge™ Heat Resistant	350 mm	14"	12.51" - 13.50" / 318 - 343 mm	5 lbs. / 2.5 kg
RP16/HR	Rapid Purge™ Heat Resistant	400 mm	16"	14.52" - 15.51" / 369 - 394 mm	5 lbs. / 2.7 kg
RP18/HR	Rapid Purge™ Heat Resistant	450 mm	18"	16.53" - 17.51" / 420 - 445 mm	6 lbs. / 3 kg
RP20/HR	Rapid Purge™ Heat Resistant	500 mm	20"	18.54" - 19.52" / 471 - 496 mm	7 lbs. / 3.4 kg
RP22/HR	Rapid Purge™ Heat Resistant	550 mm	22"	21.77" - 22.71" / 553 - 577 mm	7 lbs. / 3.6 kg
RP24/HR	Rapid Purge™ Heat Resistant	600 mm	24"	22.51" - 23.50" / 572 - 597 mm	8 lbs. / 3.8 kg
RP26/HR	Rapid Purge™ Heat Resistant	650 mm	26"	24.40" - 25.39" / 620 - 645 mm	9 lbs. / 4.5 kg
RP28/HR	Rapid Purge™ Heat Resistant	700 mm	28"	26.41" - 27.40" / 671 - 696 mm	12 lbs. / 5.5 kg
RP30/HR	Rapid Purge™ Heat Resistant	750 mm	30"	28.42" - 29.40" / 722 - 747 mm	13 lbs. / 6 kg
RP32/HR	Rapid Purge™ Heat Resistant	800 mm	32"	30.39" - 31.37" / 772 - 797 mm	17 lbs. / 8 kg
RP36/HR	Rapid Purge™ Heat Resistant	900 mm	36"	34.40" - 35.39" / 874 - 899 mm	20 lbs. / 9.1 kg
RP40/HR	Rapid Purge™ Heat Resistant	1,000 mm	40"	38.99" - 39.96" / 990 - 1,015 mm	21 lbs. / 9.9 kg
RP42/HR	Rapid Purge™ Heat Resistant	1,050 mm	42"	40.27" - 41.25" / 1,023 - 1,048 mm	29 lbs. / 13.2 kg
RP44/HR	Rapid Purge™ Heat Resistant	1,100 mm	44"	44.29" - 45.27" / 1,125 - 1,150 mm	30 lbs. / 13.7 kg
RP48/HR	Rapid Purge™ Heat Resistant	1,200 mm	48"	46.25" - 47.24" / 1,175 - 1,200 mm	33 lbs. / 15 kg
RP54/HR	Rapid Purge™ Heat Resistant	1,371 mm	54"	53.50" - 54.48" / 1,359 - 1,384 mm	39 lbs. / 18 kg
RP60/HR	Rapid Purge™ Heat Resistant	1,524 mm	60"	59.52" - 60.51" / 1,512 - 1,537 mm	44 lbs. / 20 kg
RP72/HR	Rapid Purge™ Heat Resistant	1,828 mm	72"	71.49" - 72.48" / 1,816 - 1,841 mm	61 lbs. / 28 kg
RP80/HR	Rapid Purge™ Heat Resistant	2,031 mm	80"	79.48" - 80.47" / 2,019 - 2,044 mm	66 lbs. / 30 kg

Larger sizes and specials available on request