MADE IN THE USA



aquasol**welding**.com

PRODUCT **LINE** CARD

Aquasol
CORPORATION



Aquasol® Water Soluble Paper is made of sodium carboxy methyl, a cellulose and wooden pulp that dissolves rapidly and completely in most liquids including water. Can be used to dam argon or helium gases during tungsten inert gas (TIG) welding of steel or aluminum pipes. Environmentally friendly and non-toxic. Aquasol® Paper can be formed into any size purge dam when used in conjunction with water soluble tape.

ITEM NO.	TYPE	DIMENSIONS:		CASE QTY.
		ENGLISH	METRIC	
ASW-35/S-11RW	Sheet	8 1/2" x 11"	22 cm x 28 cm	500
ASW-35/S-14R	Sheet	8 1/2" x 14"	22 cm x 36 cm	500
ASW-35/S-22R	Sheet	17" x 22"	43 cm x 56 cm	500
ASW-60/S-22R	Sheet	15 1/2" x 22"	39 cm x 56 cm	250
ASW-35/R-15	Roll	15 1/2" x 165'	39 cm x 50 m	4
ASW-35/R-9	Roll	9" x 165'	23 cm x 50 m	4
ASW-40C/R-20	Roll	20 1/2" x 165'	52 cm x 50 m	4
ASW-60/R-15	Roll	15 1/2" x 165'	39 cm x 50 m	4
ASW-60/R-31	Roll	31" x 165'	79 cm x 50 m	4

Aquasol® Water Soluble Tape is a pressure sensitive water soluble tape recommended to hold purge dams in position, and when needed to splice two or more pieces of Aquasol® paper together. Sold in rolls.

ITEM NO.	TYPE	DIMENSIONS		CASE QTY.
		ENGLISH	METRIC	
ASWT-1	Roll	1" x 300'	2.5 cm x 92 m	24
ASWT-2	Roll	2" x 300'	5.0 cm x 92 m	12





US & Foreign Patents Issued & Pending

EZ Purge® is a pre-formed, self-adhesive, water soluble purge dam that enables welders to save time on weld preparation as well as improve project timeliness. Since EZ Purge® is pre-formed; there is no need to measure, cut or construct a purge dam. Setup and installation time is completed in minutes, making EZ Purge® the most efficient and economical purge dam available.

ITEM NO.	DIMENSIONS		CASE QTY.
	ENGLISH	METRIC	
EZP-2	2"	51 mm	192
EZP-3	3"	76 mm	192
EZP-4	4"	102 mm	48
EZP-5	5"	128 mm	48
EZP-6	6"	152 mm	48
EZP-8	8"	203 mm	48
EZP-10	10"	254 mm	48
EZP-12	12"	305 mm	48
EZP-14	14"	356 mm	24
EZP-16	16"	406 mm	24

ITEM NO.	DIMENSIONS		CASE QTY.
	ENGLISH	METRIC	
EZP-18	18"	457 mm	24
EZP-20	20"	508 mm	24
EZP-22	22"	559 mm	24
EZP-24	24"	610 mm	24
EZP-26	26"	660 mm	24
EZP-28	28"	711 mm	24
EZP-30	30"	765 mm	24
EZP-32	32"	813 mm	24
EZP-36	36"	918 mm	24

Sizes 40-84" & Custom Sizes Available Upon Request

PRO OX®-100 Oxygen Monitor accurately measures concentration of oxygen in purged tubing and high purity weldments with 0.01% (100 ppm) resolution.

Features: A battery powered, rechargeable, programmable, handheld digital oxygen monitor with an internal pump. The state-of-the-art device is equipped with several features including an audiovisual alarm system; easy to read high-contrast, digital LCD display; data logging capability and data output to a computer for recording history. One Year Warranty.

Kit Contents: PRO OX-100® Monitor, Sensor and Polycarbonate Carrying Case; Ultra Slim Stainless Steel Probe with Neoprene Extension Tubing for Remote Monitoring, Rechargeable Battery & Charging Dock, Phillips Head Screwdriver, USB Cable, Manual and Quick Instructions.



ITEM NO.	DESCRIPTION	DIMENSIONS		WEIGHT	
		ENGLISH	METRIC	ENGLISH	METRIC
P-OX KIT	PRO OX-100 Oxygen Monitor & Accessories Kit	11" x 9" x 4"	279 mm x 227 mm x 102 mm	4.00 lb	182 g
P-OX KIT Euro	PRO OX-100 Oxygen Monitor & Accessories Kit with European Charger	11" x 9" x 4"	279 mm x 227 mm x 102 mm	4.00 lb	182 g
P-OX Sensor	PRO OX-100 Oxygen Sensor	1" x 1"	21 mm x 20 mm	0.03 lb	16 g
P-OX Batt	PRO OX-100 9V NiMH Battery	2" x 1" x 1"	48 mm x 26 mm x 17 mm	0.12 lb	54 g
P-OX Charger/US	PRO OX-100 12V NiMH Battery Charger with US Type Plug	3" x 2" x 1"	8 mm x 60 mm x 25 mm	0.10 lb	59 g
P-OX Charger/EU	PRO OX-100 12V NiMH Battery Charger with European Type Plug	3" x 2" x 1"	8 mm x 60 mm x 25 mm	0.10 lb	59 g
P-OX Charger/PSE	PRO OX-100 12V NiMH Battery Charger with Japanese Type Plug	3" x 2" x 1"	8 mm x 60 mm x 25 mm	0.10 lb	59 g
P-OX USB	PRO OX-100 USB Cable (72" or 1.8 m)	4" x 4" x 1"	102 mm x 102 mm x 25 mm	0.11 lb	50 g



US & Foreign Patents Pending

PURGE GAS RETAINING TAPE

EZ Zone® Tape is a purge gas retaining tape used to seal the root gap between pipes to trap argon gas. Composed of two adhesive sections separated by an adhesive-free center zone. The adhesive portion of the tape never comes in contact with the pipe as it is welded; creating a clean, contaminent-free weld. Halogen and chlorofluorocarbon free.

ITEM NO.	DIMENSIONS		ADHESIVE FREE ZONE		CASE QTY.
	ENGLISH	METRIC	ENGLISH	METRIC	
EZ-ZT 2.5	2.5" x 75'	64 mm x 23 m	1"	25 mm	18
EZ-ZT 4.0	4.0" x 75'	102 mm x 23 m	2"	51 mm	12



EZ Tape® is a traditional aluminum tape that can be used for sealing the root gap while purging and sealing pipe ends for transport.Conventional uses include; sealing ducts for heating, air conditioning and refrigeration; and acting as an a vapor barrier. EZ Tape® is high temperature resistant, halogen-free and conforms to irregular surfaces.

ITEM NO.	DIMENSIONS		CASE QTY.
	ENGLISH	METRIC	
EZ-T 2.0	2" x 75'	51 mm x 23 m	24

BACKING TAPE

Fiback® fiberglass backing tape is a heat resistant aluminum tape with a woven fiberglass center strip, designed to eliminate or reduce the need for back purging and post weld grinding. Available in **200 AMP** & **600 AMP** formats.



ITEM NO.	DIMENSIONS		CASE QTY.
	ENGLISH	METRIC	
200 AMP			
AFBT-2.5-200	2.5" x 82'	64 mm x 25 m	5
AFBT-4.0-200	4.0" x 82'	102 mm x 25 m	5
600 AMP			
AFBT-2.5	2.5" x 41'	64 mm x 12.5 m	5
AFBT-4.0	4.0" x 41'	102 mm x 12.5 m	5

SOLUGAP® WATER SOLUBLE SOCKET WELD SPACER RINGS AND STEELSPACE® CERTIFIED 316L STAINLESS STEEL SOCKET WELD RINGS

Provide the 1/16" (1.6 mm) minimum gap required by ANSI 31.1, Section III, ASME, US & Navy and Military Codes.

SoluGap® Water Soluble Socket Weld Spacer Rings are made of EPA Approved Aquasol® Water Soluble Board. Dissolves completely and rapidly in most liquids. Unique tabs secure placement regardless of orientation. Compatible with any metal.



US & Foreign Patents Issued & Pending

ITEM NO.	PIPE SIZE		PACKAGING
	ENGLISH	METRIC	
SGP-0.5	1/2"	20 mm	50 pcs/bag
SGP-0.75	3/4"	25 mm	50 pcs/bag
SGP-1.0	1"	32 mm	50 pcs/bag
SGP-1.25	1 1/4"	40 mm	50 pcs/bag

ITEM NO.	PIPE SIZE		PACKAGING
	ENGLISH	METRIC	
SGP-1.50	1 1/2"	50 mm	50 pcs/bag
SGP-1.75	1 3/4"	57 mm	50 pcs/bag
SGP-2.0	2"	63 mm	50 pcs/bag
SGP-2.5	2 1/2"	73 mm	50 pcs/bag

Also available in 1/8" thickness.

SteelSpace® Socket Weld Rings are traditionally designed and manufactured with Certified 316L stainless steel. Secures in place with spring tension and remains a permanent part of the joint.

ITEM NO.	PIPE SIZE		PACKAGING
	ENGLISH	METRIC	
STS-0.5	1/2"	20 mm	25 pcs/bag
STS-0.75	3/4"	25 mm	25 pcs/bag
STS-1.0	1"	32 mm	25 pcs/bag

ITEM NO.	PIPE SIZE		PACKAGING
	ENGLISH	METRIC	
STS-1.25	1 1/4"	40 mm	25 pcs/bag
STS-1.50	1 1/2"	50 mm	25 pcs/bag
STS-2.0	2"	63 mm	25 pcs/bag



SPACERS



SoluShim® Water Soluble Alignment Sticks provide and maintain a consistent and precise minimum gap between plates, flanges and pipes. Made of EPA Approved Aquasol® Water Soluble Board. Compatible with any metal.

ITEM NO.	THICKNESS		DIMENSIONS		PACKAGING
	ENGLISH	METRIC	ENGLISH	METRIC	
SS-2-38-132	1/32"	0.8 mm	3/8" x 2"	9 mm x 50.5 mm	100 pcs/bag
SS-2-38-16	1/16"	1.6 mm	3/8" x 2"	9 mm x 50.5 mm	100 pcs/bag
SS-2-38-332	3/32"	2.0 mm	3/8" x 2"	9 mm x 50.5 mm	100 pcs/bag
SS-2-38-18	1/8"	3.3 mm	3/8" x 2"	9 mm x 50.5 mm	100 pcs/bag
SS-4-38-132	1/32"	0.8 mm	3/8" x 4"	9 mm x 101 mm	50 pcs/bag
SS-4-38-16	1/16"	1.6 mm	3/8" x 4"	9 mm x 101 mm	50 pcs/bag
SS-4-38-332	3/32"	2.0 mm	3/8" x 4"	9 mm x 101 mm	50 pcs/bag
SS-4-38-18	1/8"	3.3 mm	3/8" x 4"	9 mm x 101 mm	50 pcs/bag

I-Purge® Double Purge Bladder System with High Heat Harness
(Sold as a Complete System)



I-Purge® Modular Inflatable Bladder System

is the only CE approved and modular system for pipe purging. The patent-pending I-Purge® comes equipped with:

- Quick Connect Interchangeable Fittings for Rapid Assembly and Replacement
- A Kink Free, High Heat Harness Available In Extended Lengths to Accommodate Pre-heating and High Heat Applications
- Inert Gas Diffuser to Reduce Turbulence of Gas Flow within the Weld Zone

I-Purge® Isolator

is an inflatable pipe stopper and single purge bladder. Accommodates a wide range of applications including pipe system servicing, cleaning, inspection and sealing. Available in sizes 2"- 48" (51-1219 mm) with 10' hose and valve.



ITEM NO.	DIMENSIONS		STD. HARNESS LENGTH	
	ENGLISH	METRIC	ENGLISH	METRIC
ABLD 2*	2"	51 mm	11"	279 mm
ABLD 3*	3"	76 mm	11"	279 mm
ABLD 4	4"	102 mm	11"	279 mm
ABLD 5	5"	127 mm	11"	279 mm
ABLD 6	6"	152 mm	11"	279 mm
ABLD 8	8"	203 mm	11"	279 mm
ABLD 10	10"	254 mm	12"	305 mm
ABLD 12	12"	305 mm	12"	305 mm
ABLD 14	14"	356 mm	16"	406 mm
ABLD 16	16"	406 mm	16"	406 mm
ABLD 18	18"	457 mm	16"	406 mm
ABLD 20	20"	508 mm	18"	457 mm
ABLD 22	22"	559 mm	18"	457 mm
ABLD 24	24"	610 mm	18"	457 mm
ABLD 26	26"	660 mm	20"	509 mm
ABLD 28	28"	711 mm	20"	509 mm
ABLD 30	30"	762 mm	20"	509 mm
ABLD 32	32"	813 mm	20"	509 mm
ABLD 34	34"	864 mm	20"	509 mm
ABLD 36	36"	914 mm	20"	509 mm
ABLD 38	38"	965 mm	24"	610 mm
ABLD 40	40"	1016 mm	24"	610 mm
ABLD 42	42"	1066 mm	24"	610 mm
ABLD 44	44"	1117 mm	30"	762 mm
ABLD 46	46"	1168 mm	30"	762 mm
ABLD 48	48"	1219 mm	30"	762 mm

Custom Sizes Available Upon Request. Modular components (ABLD-Size MOD A and ABLD-Size MOD B) sold separately.
** Low profile relief valve. Diffuser not available.*



ITEM NO.	MINIMUM DIAMETER		MAXIMUM DIAMETER	
	ENGLISH	METRIC	ENGLISH	METRIC
XABLD 2-3	2"	51 mm	3"	76 mm
XABLD 4-6	4"	102 mm	6"	152 mm
XABLD 8-12	8"	203 mm	12"	305 mm
XABLD 14-18	14"	356 mm	18"	457 mm
XABLD 20-26	20"	509 mm	26"	660 mm
XABLD 28-36	28"	711 mm	36"	914 mm
XABLD 38-48	38"	965 mm	48"	1219 mm

Modular components (ABLD-Size MOD A and ABLD-Size MOD B) sold separately.

I-Purge®X Modular Expandable Bladder System

is a revolutionary, versatile design, equipped with the same features of the standard I-Purge® but offers the advantage of expanding to multiple sizes with a single unit. The proprietary **Bladder Expansion Technology (BET)** assures an airtight seal is maintained for multiple inflation dimensions, resulting in a high quality weld, free of oxidation, every time!

Extended Length High Heat Harness

ITEM NO.	ENGLISH	METRIC
ABLD-ELH-24	24"	610 mm
ABLD-ELH-36	36"	914 mm
ABLD-ELH-48	48"	1219 mm
ABLD-ELH-72	72"	1829 mm
ABLD-ELH-CUSTOM Available Upon Request	**Any Size**	**Any Size**
ABLD-CNADP	¼" Female MPT to ¼" Female BSPP Conversion	

WATER SOLUBLE PURGE FILM & ADHESIVE

LiquiFilm® is a water soluble plastic film used as a purge gas barrier during TIG welding. Highly flexible and transparent. Place 8"-12" from the weld joint on each side after applying water soluble adhesive to pipe. Brick format and adhesive sold separately. Kit format includes film wound on core plus two 250 ml bottles.

ITEM NO.	DIMENSIONS		CASE QTY.
	ENGLISH	METRIC	
AWSF-1/20RG Kit	39' x 66'	1 m x 20 m	12
AWSF-1/20B Brick	39' x 66'	1 m x 20 m	12
AWSG-500 Adhesive	16 oz.	500 ml/bottle	24
AWSG-250 Adhesive	8 oz.	250 ml/bottle	48



*For questions or additional information visit aquasol**welding**.com or contact:*
Aquasol Corporation 80 Thompson Street • N. Tonawanda, NY 14120 USA • 716.564.8888 • 1.800.564.WELD (9353) • Fax: 716.564.8889