PowerSeal
PIPELINE PRODUCTS CORPORATION

11-2018.3

FITTING SOLUTIONS FOR HARSH ENVIRONMENTS

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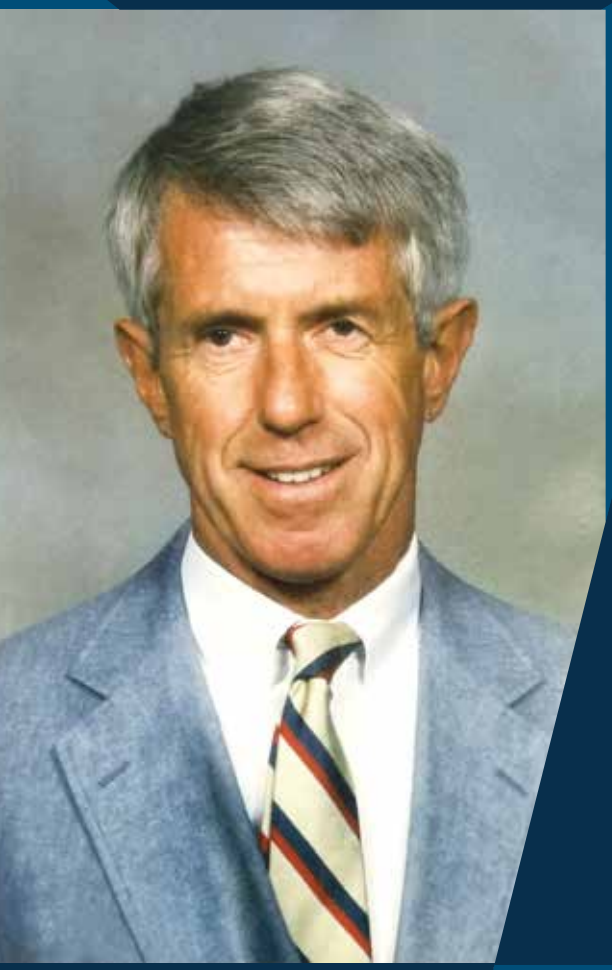
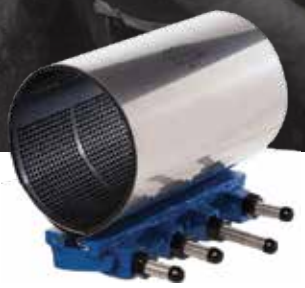
ABOUT POWERSEAL



Edward J. Powers
FOUNDER

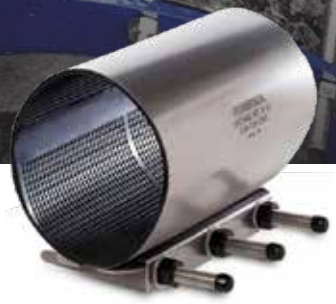
PowerSeal Pipeline Products Corporation was formed in 1985 when assets of the Special Products Division of the Clow Corporation were purchased by Edward J. Powers, a vice president and twenty-five year employee of Clow. The headquarters of the company and its manufacturing are located in Wichita Falls, Texas where its skilled employees are engaged in the designing, manufacturing, and sales of a complete line of the highest quality pipeline accessories and tools available. The end products are primarily used by fluid and gas distribution construction industries for the repair, maintenance, and new construction of potable water and sanitary sewer lines, agricultural irrigation lines, natural gas distribution lines, and low-pressure oil gathering lines.

PowerSeal is a family owned and operated company built on a foundation which stresses strong customer relationships, exemplary customer service, and top notch quality. In a world full of massive conglomerates which preach the bottom line above all else, we put our customers first. By employing American workers, hand crafting American products, you can be assured that your business is directly reinvested into the US economy supporting the lives of our proud staff and your customers alike.



3121

1 1/4" pipe size and larger in widths of 5" up to 48", ductile iron lugged stainless steel single panel repair clamp.



3121AS

1 1/4" pipe size and larger in widths of 6" to 48", all stainless steel repair clamp.

3121CS

1 ¼" pipe size and larger repair clamp with cast stainless steel drop-in bolt lug design.

3121HD

1 ¼" pipe size and larger heavy duty ductile iron lug design stainless steel repair clamp for unique and special pressure applications.

3121AS-LW

1 ¼" pipe size and larger all stainless steel repair clamp for sewer applications.

3122

3" pipe size and larger ductile iron lugged stainless steel 2-panel wide range repair clamp.

3122AS

3" pipe size and larger all stainless steel 2-panel wide range repair clamp.

3122AS-HP

4" pipe size and larger stainless steel heavy lug design all stainless steel repair clamp for high pressure applications.

3123AS

10" pipe size and larger all stainless steel 3-panel wide range repair clamp.

3123

10" pipe size and larger ductile iron lug stainless steel 3-panel wide range repair clamp.

3131

2" pipe size and larger ductile iron lugged stainless steel repair clamp with tapped outlet, available with NPT or AWWA (CC) tapped outlets ½" - 3".

3131AS

2" pipe size and larger all stainless steel repair clamp with tapped outlet, available with NPT or AWWA (CC) tapped outlets ½" -3".

3132

3" pipe size and larger ductile iron lugged stainless steel 2-panel wide range tapped outlet repair clamp, available with NPT or AWWA (CC) tapped outlets ½" - 3".

3132AS

3" pipe size and larger all stainless steel 2-panel wide range tapped outlet repair clamp, available with NPT or AWWA (CC) tapped outlets ½" -3".

CLAMPS

3140

3/4" - 2 1/2" pipe sizes cast lug pipe repair clamp for the repair of leaking sch 40 pipe collars.

3141

2" – 15" pipe sizes iron lugged stainless steel collar leak clamp capable of repairing leaks in solvent weld PVC, PIP bells and collars as well as threaded steel pipe collars.

3143AS

3" – 15" pipe sizes all stainless steel collar leak clamp.

3146

1/2" - 4" pipe sizes cast lug pipe repair clamp for the repair of leaking copper coupling joints.

3151

1/2" - 12" pipe sizes cast lug partial gasket repair clamp for repairing pinhole leaks in all types of pipe.

3151AS-W

1/2" - 12" pipe sizes all stainless partial gasket repair clamp for repairing pinhole leaks in all types of pipe.

3151HD

10" – 30" pipe sizes ductile iron lugged stainless steel patch clamp partial gasket.

3152W

1/2" - 2" pipe sizes cast lug complete wraparound repair clamp for repairing pinhole leaks in all types of pipe.

3153PS-W

1/2" - 2" pipe sizes cast lug complete wraparound repair clamp (2-piece) for repairing pinhole leaks in all types of pipe.

3202 - 3202LB SPLIT

6" - 8" pipe sizes ductile iron cast bodied split repair sleeves also available with a 3/4" NPT/CC tapped outlet and plug for venting purposes. Only available for DI/CI pipe ODs.

3233AC Collar

4" - 8" pipe sizes ductile iron bell repair clamp for class 150 AC pipe only.

3232

3" - 30" pipe sizes ductile iron bell joint repair clamp, for caulked & push-on cast iron and ductile iron pipe joints. Larger sizes available in fabricated version.

PowerSeal EMERGENCY REPAIR CLAMP KIT

The PowerSeal Emergency Repair Clamp Kit (POWER BOX) provides a proactive approach to pipe repair. This kit covers a wide range of pipe diameters from 4.50" to 33.74" O.D., and is ready to repair your water utility emergency situation regardless of pipe size.

SADDLES

3401

1.25" – 12" diameter bronze saddle to fit IPS/SCH40 OD PVC pipe.

3402

2, 2 1/2 & 3" diameter bronze saddle to fit Copper pipe OD.

3403

4" – 12" diameter bronze saddle to fit C900 PVC, DR25 and DR18 pipe.

3409

4"-16" diameter bronze saddle with stainless steel straps to fit A/C, CI, C900 & C909 PVC.

3407

4" – 16" diameter bronze saddle to fit A/C, CI, & C900 PVC.

3411AS

2" – 8" diameter fabricated all stainless steel saddle.

3412AS

3" – 12" diameter fabricated all stainless steel saddle.

3414AS

4" – 12" diameter fabricated all stainless steel wide range saddle.

3416AS

14"- 48" diameter fabricated 2-Panel all stainless steel wide range saddle for larger diameter pipe.

3421AS

4" – 12" diameter fabricated single strap all stainless steel saddle.

3422AS

4" – 24" diameter fabricated 2 strap all stainless steel wide range saddle.

3415AS

3" – 14" diameter CASTSS body stainless steel saddle with single stainless steel strap.

3417AS

4" – 24" diameter CASTSS body all stainless steel saddle with stainless steel straps.

3417AS-SW

4" – 24" diameter CASTSS body all stainless steel saddle, with a single wide stainless steel strap.

3411

1" – 14" diameter ductile iron body saddle with a single bale.

3413

2" – 24" diameter ductile iron body saddle with bales.

3415HD

1" – 14" diameter ductile iron body saddle with single stainless steel strap.

3417DI

2" – 24" diameter ductile iron body saddle with stainless steel straps.

3417DI-SW

2" – 24" diameter ductile iron body saddle with single wide stainless steel strap.

SEWER SADDLE

4" – 6" outlet sizes ductile iron saddle with adjustable stainless steel strap for sewer.

TAPPING SLEEVES

3425AS

3/4" - 8" diameter all 304 stainless steel hot tap sleeve. Copper, steel and special OD's available.

3428

Carbon or stainless steel weld-on outlets.

3431

Carbon or stainless steel tapping sleeve for reinforced concrete pipe.

3436

All stainless steel corp stop termination sleeve.

3460

4" and up fabricated carbon steel tap sleeve with flange outlet. Outlet sizes from 2 - 30".

3460MJ

4" - 30" diameter all carbon steel tapping sleeve with mechanical joint outlet. Outlet sizes from 2 - 24".

3460HP

4" diameter and up all stainless steel hi-pressure tapping sleeve with flanged outlet. Outlet sizes from 2 - 30".

3460MJ-HP

4" diameter and up all stainless steel hi-pressure tapping sleeve with mechanical joint outlet. Outlet sizes from 2 - 24".

3465CS

4" diameter and up carbon steel tapping sleeve with threaded outlet. Available with NPT or AWWA (CC) tapped outlets ½" - 6".

3480AS/CS

3" – 30" all stainless tapping sleeve with flange outlet, weld on bolt design. Outlet sizes from 2 - 12".

3480MJ AS/CS

3" – 30" all stainless tapping sleeve with mechanical joint outlet, weld on bolt design. Outlet sizes from 2 - 12".

3490AS/CS

4" – 36" all stainless tapping sleeve with flange outlet, drop in bolt design. Outlet sizes from 2 - 24".

3490MJ AS/CS

4" - 36" all stainless steel tapping sleeve with mechanical joint outlet. drop in bolt design. Outlet sizes from 2 - 24".

3495AS

4" diameter and up all stainless steel tapping sleeve w/threaded outlet. Available with NPT or AWWA (CC) tapped outlets 1/2 - 6".

3490ASMJ-Y

All stainless fabricated tapping sleeve with mechanical joint or flanged outlet in Y position.

3501

2" - 48" diameter all ductile iron bolted transition coupling. Also available in domestic version

3501LB

2" - 24" diameter all ductile iron long barrel transition coupling.

3501EC

2" - 48" diameter all ductile iron transition coupling with end cap.

3504

1/2" - 2" compression type screw coupling.

3506

2" - 16" diameter all ductile iron wide range bolted Powermax coupling.

3506LB

2" - 16" diameter all ductile iron wide range bolted Powermax long barrel coupling.

3506EC

2" - 16" diameter all ductile iron wide range bolted Powermax coupling with end cap.

3506AS

2" - 12" diameter all stainless steel wide range bolted Powermax coupling.

3506R

4x3" - 6x4" - 8x6" - 10x8" - 12x10" diameter ductile iron bolted wide range Powermax reducing coupling.

3520

DI transition Cutting-in Sleeve in sizes 4" to 16" which allows the connection to various pipe OD's via the use of interchangeable end glands and gaskets on the pipe coupling end.

3521

Ductile iron ranged flange coupling adapter from 4" to 12" nominal diameter.

3526

Powermax ductile iron wide range flange coupling adapter in sizes 3"-12".

3531

Ductile iron Insta-Flange adapter 2" to 12" diameters, steel or DI OD.

3532

Ductile iron Heavy Duty Insta-Flange adapter from 4" to 36" diameters, steel or DI OD.

FABRICATIONS

3528
Steel fabricated flange coupling adapter.

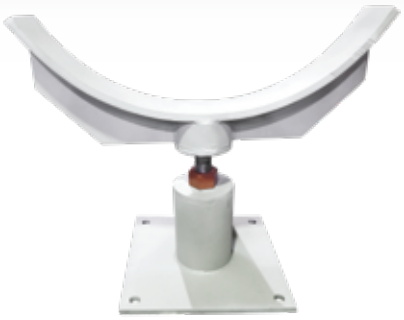
3538
1 1/4" - 48" fabricated couplings.

3551
Steel fabricated end cap coupling.

3562R
3" - 44" steel fabricated transition or reducing coupling.

3563
Steel fabricated dismantling joint.

TURTLE GUARD



ADJUSTABLE PIPE SUPPORT
Available in Stainless Steel 304/316 and Carbon Steel.

ADJUSTABLE SUPPORT W/U-BOLT

OFFSET PIPE SUPPORT CLAMP

FABRICATED SPOOL PIPES

WALL SLEEVE

3643AS / 3643MJ SURGE SUPPRESSOR
Available with Flange and MJ Flange Outlet.

SPECIAL FABRICATIONS

SPECIALTIES

Series 3900
Complete unit for IPS thin wall plastic pipe.

Series 4900
Complete unit for plastic sewer pipe "Y" connections.

Series 7900
Complete unit for asbestos cement (A/C) pipe.

Series 5900
Combination unit for IPS thin wall plastic pipe only.

Series 9900
Combination unit for C900 thick wall plastic pipe.

Series 9000
Complete unit for C900 thick wall plastic pipe.

5000
Valve box aligner.

4860
Polyethylene casing chock, for IPS OD.

4890
Polyethylene casing chock, for DI/C900 OD.

4810
Stainless steel or Carbon steel Casing chock.

PowerSeal

OD Tape
Available to measure up to 24" and 36".

8010P
Poly box / Locking lid.

Ratchet set
Ratchet set with deep sockets.

HDPE

The following standard PowerSeal products have been evaluated and approved for use with high density polyethylene pipe based upon certain modifications and restrictions related to the unique properties of HDPE pipe compared with more commonly used rigid pipe materials.

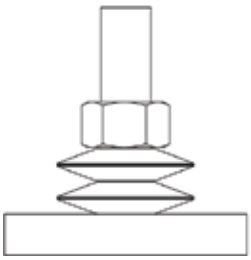
Products shown in the HDPE section are the only products suitable for HDPE applications. Do not use products in other sections on HDPE pipe.

PRODUCT RESTRICTIONS WHEN USED WITH HDPE

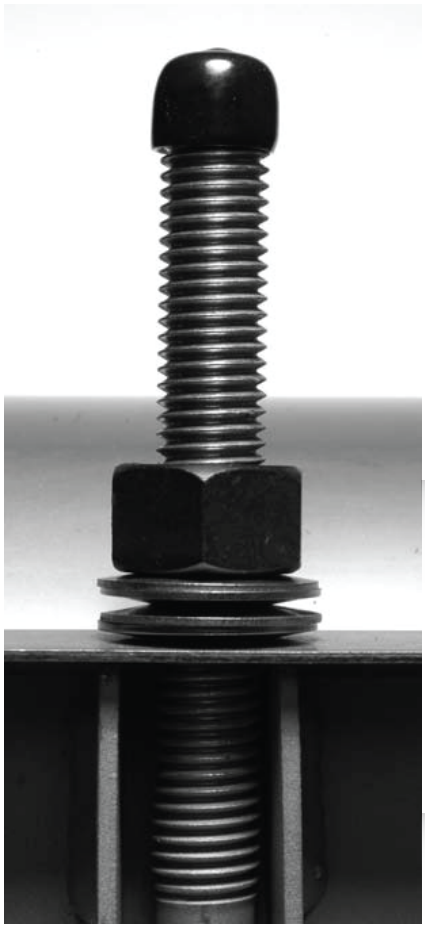
- Maximum operating pressure: 150 PSI (150 Mpa)
- Temperatures ranges: 32° - 75°F (0° - 23.9° C)
- Manufacturing standard: AWWA/ANSI C906-90
- Underground service only
- Pipe Stiffeners must be placed in each pipe end when used on mechanical bolt on fittings
- Clamp and sleeve width must exceed pipe diameter
- Pipe SDR (wall thickness) no more than 17 (PN-10)
- Each bolt must have four spring washers

KEY PROPERTIES INHERENT WITH HDPE

- Toe in happens when HDPE is cut which can alter the ability of any sleeve or saddle to seal and affect the installation of stiffeners.
- The coefficient of thermal expansion is over 10 times that of ductile and steel pipe and 3 times as much as PVC. This equates to the possibility of shrinkage at these same levels versus these types of pipes when it gets cold. This raises the chances of a fitting loosening on it. It also has a tendency to shrink lengthwise 1 inch (25.4mm) per 100 feet (30.48m) of pipe with a 10°F (5.5° C) reduction temperature. This results in the pipe pulling out of fittings.
- A low coefficient of friction makes the exterior surface of the pipe very smooth or slick which results in gasket fittings being prone to rotation or movement on the pipe.
- Pipe systems must be engineered to allow for pipe movements so to limit fittings movement.



Four Spring washers



All bolts will be supplied with four spring washer.

NOTICE!!

PowerSeal does not warrant products used when the installation does not conform to any of the restrictions listed above. Contact our engineering department if you have questions about using our products on HDPE.

3121AS-PE

1 1/4" pipe size and larger in widths of 6" to 48", all stainless steel repair clamp.

3122AS-PE

3" pipe size and larger all stainless steel 2-panel wide range repair clamp.

3412AS-PE

3" – 12" diameter fabricated all stainless steel saddle.

3414AS-PE

4" – 12" diameter fabricated all stainless steel wide range saddle.

3416AS-PE

14"- 48" diameter fabricated 2-Panel all stainless steel wide range saddle for larger diameter pipe.

3422AS-PE

4" – 24" diameter fabricated 2 strap all stainless steel wide range saddle.

3480AS/CS-PE

3" – 30" all stainless tapping sleeve with flange outlet, weld on bolt design. Outlet sizes from 2 - 12".

3480MJ-PE AS/CS

3" – 30" all stainless tapping sleeve with mechanical joint outlet, weld on bolt design. Outlet sizes from 2 - 12".

3490AS/CS-PE

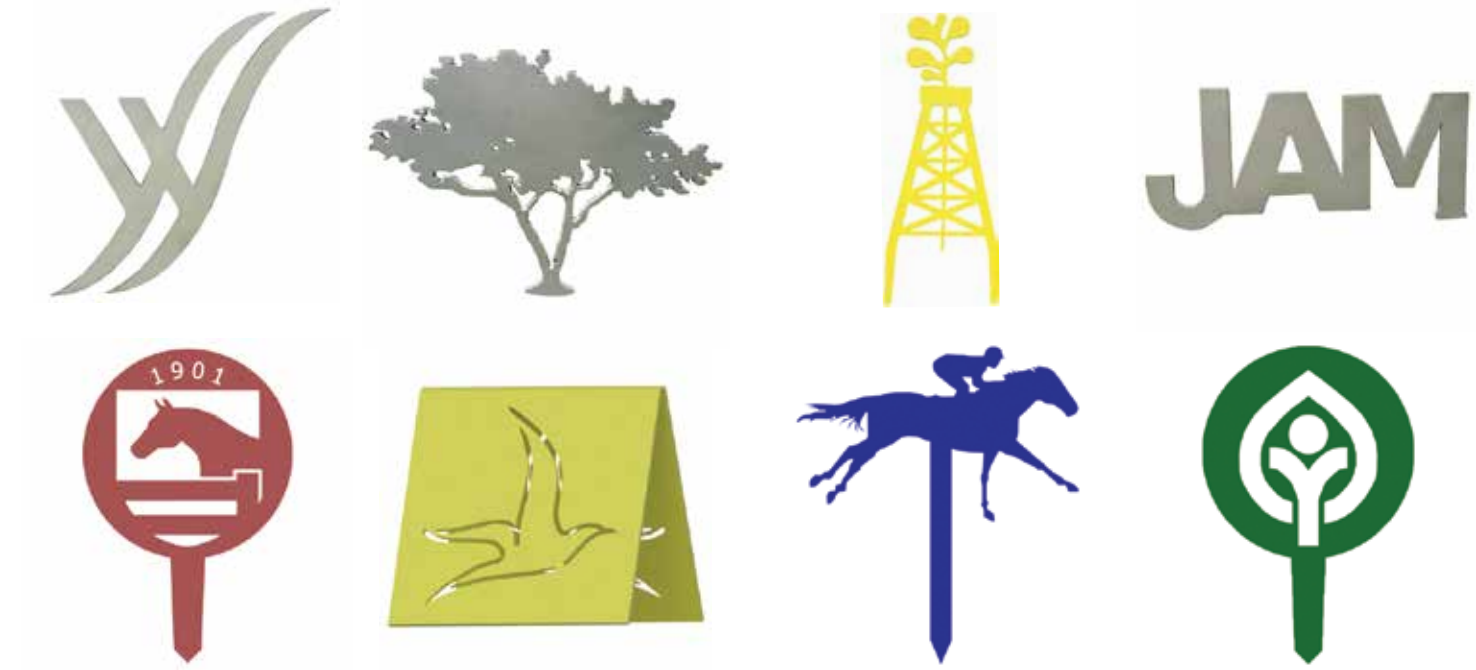
4" – 36" all stainless tapping sleeve with flange outlet, drop in bolt design. Outlet sizes from 2 - 12".

3490MJ-PE AS/CS

4" - 36" all stainless steel tapping sleeve with mechanical joint outlet. drop in bolt design. Outlet sizes from 2 - 24".

CUSTOM TEE

CUSTOM TEE BOX MARKERS



Custom tee box markers, available in Carbon Steel and Stainless Steel; Epoxy coated. Please contact us today for a free quote.

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