

ROMAC ARMOR SERIES

FLEXIBLE REPAIR CLAMP | COUPLING | RESTRAINT COUPLING

ARMOR SEAL 2.0™

FLEXIBLE REPAIR CLAMP

ALL STAINLESS STEEL

ALSO FUNCTIONS AS A COUPLING



ACCOMMODATES

- Angular deflection.
- Pipes with gaps between pipe ends.
- Connection of pipe with movement.
- Cracked pipe.

COMPATIBLE PIPE MATERIALS

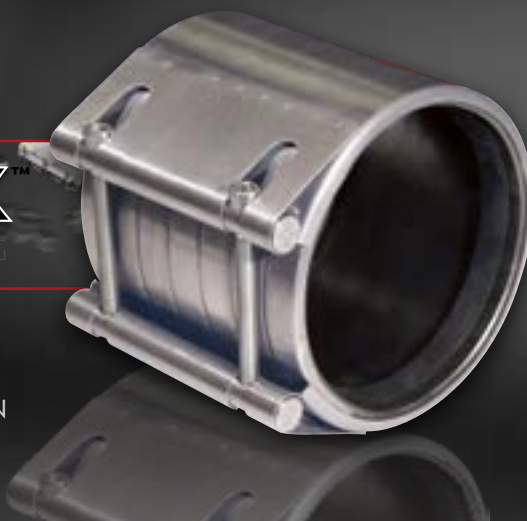
- Steel
- Cast Iron / Ductile Iron
- Asbestos Cement
- Concrete
- PVC
- HDPE

ARMOR LINK™

STAINLESS STEEL COUPLING

ALL STAINLESS STEEL

QUICK STAB-FIT INSTALLATION



ACCOMMODATES

- Angular deflection
- Misaligned pipes
- Pipes with gaps between pipe ends
- Connection of pipe with movement

COMPATIBLE PIPE MATERIALS

- Steel
- Cast Iron / Ductile Iron
- Asbestos Cement
- Concrete
- PVC
- HDPE

ARMOR LOCK™

RESTRAINT COUPLING

ALL STAINLESS STEEL

COMPATIBLE WITH HDPE, PVC, DI & STEEL



ACCOMMODATES

- Angular deflection.
- Pipes with gaps between pipe ends.

COMPATIBLE PIPE MATERIALS

- HDPE
- PVC
- Steel
- Cast Iron / Ductile Iron

ARMOR SEAL 2.0™
FLEXIBLE REPAIR CLAMP



STAINLESS STEEL REPAIR CLAMP ALSO
FUNCTIONS AS A COUPLING.

HIGHER PRESSURE RATING THAN
TRADITIONAL REPAIR CLAMPS.

FAST INSTALLATION

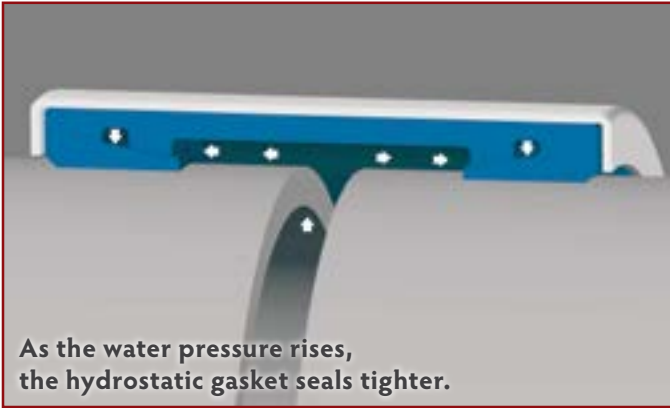
- Lightweight.
- Few bolts.
- Low torque requirement.

ACCOMMODATES A VARIETY OF PIPE CONDITIONS

- Angular deflection.
- Pipes with gaps between pipe ends.
- Misaligned pipe ends.
- Connection of pipe with movement.
- Cracked pipe.

COMPATIBLE PIPE MATERIALS

- Steel.
- Cast Iron / Ductile Iron.
- Asbestos Cement.
- Concrete.
- PVC.
- HDPE (PE 4710 & PE 3408).



ARMOR SEAL 2.0™
FLEXIBLE REPAIR CLAMP

NSF61/372 Certified.

BOLTS

304 Stainless Steel. 4-16" sizes
use Hex head bolts, 24" uses
Metric Socket Head Cap
Screws. Hardware coated to
prevent galling.

RETAINING WASHERS

Prevents bolts from falling out
during installation.

ARMOR

304L Stainless Steel

SIDE BARS

304L Stainless Steel

SHELL

304L Stainless Steel



SPLIT HYDROSTATIC
GASKET

EPDM compounded for water
and sewer service.



ARMOR SEAL 2.0™
FLEXIBLE REPAIR CLAMP



For Metric Hex Bit
Sockets, see back page.

NOM. PIPE SIZE	O.D. (inches)	RANGE (inches)	CATALOG NUMBER	NOM. LENGTH	MAXIMUM CRACK WIDTH	ALLOWABLE DEFLECTION	MAX OD DIFF.	WORKING PRESSURE†	SOCKET SIZE	APPROX. WEIGHT (lbs.)
4"	4.50 4.80	4.45 - 5.12 4.74 - 5.41	ASEAL - 4.50 ASEAL - 4.80	12"	8"	4°	0.12	230	3/4"	16
6"	6.63 6.90	6.50 - 7.28 6.84 - 7.56	ASEAL - 6.63 ASEAL - 6.90	12"	8"	6°	0.12	230	3/4"	21
8"	8.63 9.05	8.59 - 9.46 8.99 - 9.86	ASEAL - 8.63 ASEAL - 9.05	12"	8"	6°	0.12	230	3/4"	25
10"	10.75 11.10	10.74 - 11.61 11.04 - 11.95	ASEAL - 10.75 ASEAL - 11.10	12"	8"	6°	0.12	230	3/4"	30
12"	12.75 13.20	12.70 - 13.57 13.14 - 14.04	ASEAL - 12.75 ASEAL - 13.20	12"	8"	6°	0.12	230	3/4"	33
16"	17.40	17.10 - 18.20	ASEAL - 17.40	12"	8"	6°	0.12	230	3/4"	43
24"	25.80	25.50 - 26.60	ASEAL - 25.80	12"	8"	6°	0.12	230	14mm*	84

* Socket head cap screw.

† Not to exceed pipe pressure rating.



- Pipe Stiffeners are required when coupling HDPE pipe.
- Armor Seal does not provide restraint.

To Order: Specify catalog number.

For other compatible pipe materials, steam or air supply pipeline
applications, contact Romac Engineering, 1.800.426.9341.



FAST INSTALLATION

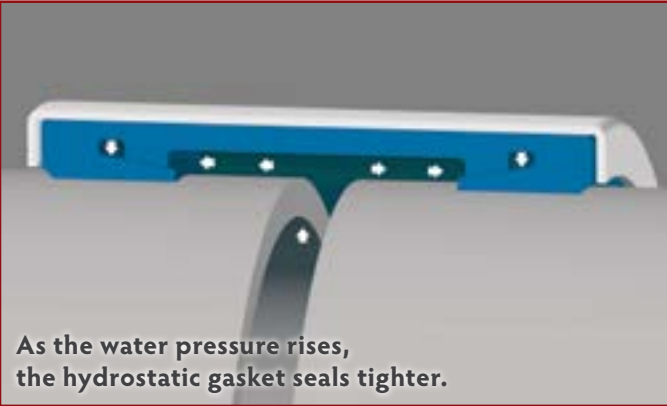
- Lightweight.
- Stab-Fit - no disassembly necessary.
- Few bolts.
- Low torque requirement.

ACCOMMODATES A VARIETY OF PIPE CONDITIONS

- Angular deflection.
- Pipes with gaps between pipe ends.
- Misaligned pipe ends.
- Connection of pipe with movement.

COMPATIBLE PIPE MATERIALS

- Steel.
- Cast Iron / Ductile Iron.
- Asbestos Cement.
- Concrete.
- PVC.
- HDPE



As the water pressure rises, the hydrostatic gasket seals tighter.



NSF61/372 Certified for size 6 inch nominal and larger.



ARMOR LINK™
STAINLESS STEEL COUPLING



For Metric Hex Bit
Sockets, see back page.

NOMINAL PIPE SIZE	O.D. (inches)	RANGE (inches)	CATALOG NUMBER	NOM. LENGTH	ALLOWABLE DEFLECTION	MAX OD DIFF.	WORKING PRESSURE†	HEX BIT SIZE	APPROX. WEIGHT (lbs.)
4"	4.50	4.41 - 4.61 4.76 - 4.84	ALINK-4.50	4"	2°	0.10	435	6 mm	3.1
	4.80		ALINK-4.80	4"	2°		290	6 mm	3.3
6"	6.63	6.54 - 6.73 6.77 - 7.01	ALINK-6.63	8"	2°	0.10	330	10 mm	11.6
	6.90		ALINK-6.90	8"	2°		330	10 mm	11.6
8"	8.63	8.54 - 8.78 8.82 - 9.06	ALINK-8.63	8"	2°	0.10	260	10 mm	13.1
	9.05		ALINK-9.05	8"	2°		260	10 mm	13.1
10"	10.75	10.63 - 10.87 10.94 - 11.18	ALINK-10.75	8"	2°	0.10	215	10 mm	14.7
	11.10		ALINK-11.10	8"	2°		215	10 mm	14.7
12"	12.75	12.60 - 12.83 13.15 - 13.39	ALINK-12.75	8"	2°	0.10	230	10 mm	21.0
	13.20		ALINK-13.20	8"	2°		230	10 mm	21.0
16"	17.40	17.32 - 17.56	ALINK-1740	8"	2°	0.10	230	10 mm	25.2
24"	25.80	25.59 - 25.91	ALINK-25.80	8"	2°	0.12	230	14 mm	53.6

† Not to exceed pipe pressure rating.



- Pipe Stiffeners are required on HDPE pipe.
- Armor Link does not provide restraint.

To Order: Specify catalog number.

Other sizes, lengths and tapped outlets available upon request.

For other compatible pipe materials, steam or air supply pipeline applications, contact Romac Engineering, 1.800.426.9341.



ALL STAINLESS STEEL COUPLING PROVIDES RESTRAINT.

FAST INSTALLATION

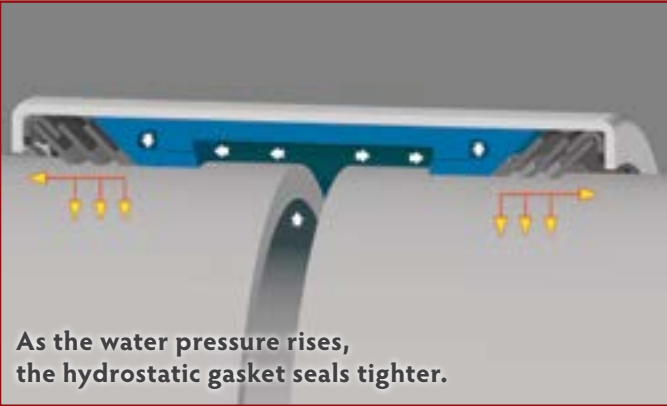
- Lightweight.
- Stab-Fit - no disassembly necessary.
- Few bolts.
- Low torque requirement.

ACCOMMODATES A VARIETY OF PIPE CONDITIONS

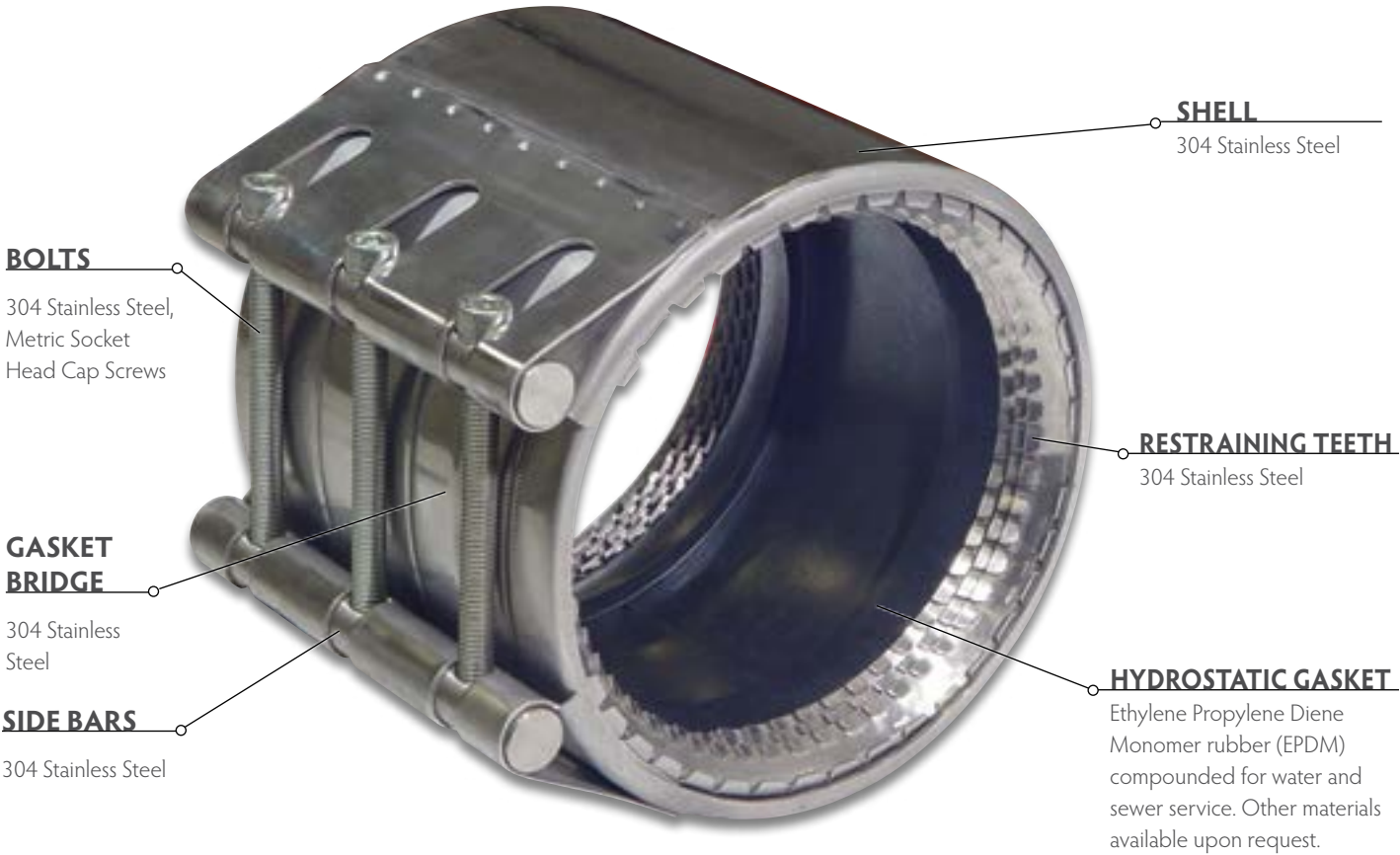
- Angular deflection.
- Pipes with gaps between pipe ends.
- Misaligned pipe ends.

COMPATIBLE PIPE MATERIALS

- HDPE (PE 4710 & PE 3408)
- PVC
- Steel
- Cast Iron / Ductile Iron



NSF61/372 Certified for size 6 inch nominal and larger.



ARMOR LOCK

STAINLESS STEEL RESTRAINT COUPLING



For Metric Hex Bit Sockets, see back page.

NOMINAL PIPE SIZE	O.D. SIZES (inches)	CATALOG NUMBER	NOM. LENGTH	ALLOWABLE DEFLECTION	MAX OD DIFF.	WORKING PRESSURE†	HEX BIT SIZE	APPROX. WEIGHT (lbs.)
4"	4.50	ALOCK - 4.50	4"	4°	0.10	235	6 mm	4.0
	4.80	ALOCK - 4.80	4"	4°		235	8 mm	5.5
6"	6.63	ALOCK - 6.63	4"	2°	0.10	235	8 mm	6.6
	6.90	ALOCK - 6.90	8"	2°		235	10 mm	16.3
8"	8.63	ALOCK - 8.63	8"	2°	0.10	235	10 mm	18.5
	9.05	ALOCK - 9.05	8"	2°		235	10 mm	19.0
10"	10.75	ALOCK - 10.75	8"	2°	0.10	235	10 mm	25.1
	11.10	ALOCK - 11.10	8"	2°		235	10 mm	25.4
12"	12.75	ALOCK - 12.75	8"	2°	0.10	150	10 mm	28.2
	13.20	ALOCK - 13.20	8"	2°		150	10 mm	29.1

† Not to exceed pipe pressure rating.



- Pipe Stiffeners are required on HDPE pipe.
- For applications on thin wall PVC pipe and pipelines subject to vacuum conditions, contact Romac Engineering.
- For temperature limitations on HDPE pipe applications, see installation instructions.

To Order: Specify catalog number.

Other sizes, lengths and tapped outlets available upon request.

For other compatible pipe materials, steam or air supply pipeline applications, contact Romac Engineering, 1.800.426.9341.



ARMOR™ SERIES

METRIC HEX BIT SOCKETS



- Heavy duty heat treated alloy steel bits
- Chrome plated sockets for durability
- No set screws to tighten
- 1/2" Drive
- 2" long bit length



HEX BIT SIZE (MM)	CATALOG NUMBER	OVERALL LENGTH (inches)	APPROX. WEIGHT (lbs.)
6	380-HBS0806MM	2.6	.16
8	380-HBS0808MM	2.5	.16
10	380-HBS0810MM	2.5	.18
14	380-HBS0814MM	2.5	.30
17	380-HBS0817MM	2.5	.40

To Order: Specify catalog number.



Repair Clamps • Couplings • Dismantling Joints • Expansion Joints • Pipe Restraint
Service Saddles • Tapping Sleeves • Tapping Machines • Valve Insertion • Waterworks Tools

