

Risers and Transitions: Anodeless Risers

Since 1965, Georg Fischer Central Plastics has offered a complete line of Anodeless Meter Risers for residential and commercial applications. Anodeless Meter Risers offer a simple, reliable, factory manufactured method for transitioning PE pipe from below ground to an above ground piping system. The polyethylene pipe remains the gas carrier until it is above ground, thereby minimizing underground corrosion concerns as well as eliminating the need for cathodic protection.

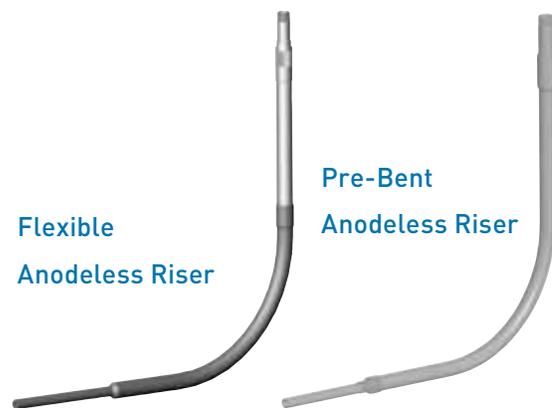
Anodeless Risers can be selected from a group of standard items or can be manufactured to meet the customer's specific requirements. A wide variety of options ensures that the need of the customer is met.

Features and Benefits

- PE-to-Steel transition joint is stronger than the PE pipe.
- Riser design utilizes an O-Ring for added security for extreme conditions.
- No gas-carrying welds are utilized in the riser design.
- All products are protected with an electrostatically-applied fusion-bonded epoxy powder coating specifically designed for the exterior of gas petroleum pipelines.
- Risers can be manufactured to meet custom specifications.
- No Cathodic protection required.
- Factory pre-assembly and bundling options available.
- Specialized inventory programs available.



Anodeless Riser w/Extended Length of PE Pipe



Flexible Anodeless Riser

Pre-Bent Anodeless Riser

Risers and Transitions: Anodeless Risers (continued)

Available Options

Riser Style

- Pre-bent
- Pre-bent w/extended length of PE pipe
- Straight
- Straight w/fused pup
- Flexible
- Steel x flex

Outlet options

- Threaded
- Beveled for welding
- Flanged
- By-pass outlets

Pipe coatings

- Fusion bonded epoxy
- Fusion bonded polyester

Custom dimensions

- Custom vertical dimensions
- Custom horizontal dimensions
- Inlet pe pipe ½" CTS to 12" IPS
- Outlet steel size ½" NPT to 12" NPT
- PE pigtail length from 6" to 250'

Other options

- Tracer wire connectors
- Factory installed gas valve
- Factory installed mechanical connector
- Sch 40 and Sch 80 pipe nipple
- Shear protection sleeves
- UV protection sleeves
- Mounting brackets, stakes, and wall brackets
- Special packaging and labeling
- Metric sizes available
- Sch 40 and thin-wall tubing for casing
- Pressure seal on horizontal end

Testing and Compliance

All GF Central Plastics risers meet or exceed the following applicable standards and are subjected to an extensive testing program to ensure consistent performance in the field that is safe, robust and reliable.

- DOT Code of Federal Regulations, Title 49, Part 192
- ASTM D2513 - Standard Specification for Thermoplastic gas pressure pipe, tubing, and fittings qualified Category 1 requirements
 - ASTM D1598 - Test Method for Time to Failure of plastic pipe under constant internal pressure (Sustained Pressure Test)
 - ASTM D1599 - Test Method for resistance to short term hydraulic pressure of plastic pipe, tubing and fittings (Quick Burst)
 - ASTM D638 - Test Method for Tensile Testing
- ASTM F1973 - Standard Specification for Factory Assembled Anodeless Risers and Transition Fittings.
 - ASTM E515 - Test Method for Leak Testing
 - ASTM D638 - Test Method for Tensile Testing
 - ASTM F1588 - Test Method Constant Tensile Load Test- ASTM F1973, 7.4 - Test Method for Temperature Cycling Test
- Complies with CSA B137.4
- Listed with IAPMO/UPC (where applicable)

Technical Specifications

- Steel gas carrier - ASTM A53/API5L
- Pipe threads - ANSI B1.20.1
- Steel compression ring - ASTM A513
- Buna O-ring seal - ASTM D2000
- Protective coating

All parts are protected with an electrostatically applied fusion-bonded epoxy powder coating specifically designed for the exterior of gas petroleum pipelines.

- 8 mil minimum thickness
- AGA 49 grey
- Cathodic disbondment testing per ASTM G8
- Salt spray testing per ASTM B117
- Impact resistance testing per ASTM G14

Anodeless Risers: with PE2406/PE2708 Pipe

RESIDENTIAL Anodeless Risers w/PE2406/PE2708 Pipe				
Size	Description	Part Number	Wt.	Box / Pallet
¾" MPT x ½" CTS	.090 18V x 18H	6360508	3.00	10 / 140
¾" MPT x ½" CTS	.090 18" Steel x 24" Flex	10000860	3.75	10 / 140
¾" MPT x ½" CTS	.090 22" Steel x 48" Flex	6360511	5.30	10 / 200
¾" MPT x ½" CTS	.090 24V x 18H	6360505	3.58	10 / 140
¾" MPT x ½" CTS	.090 30V x 18H	6360504	3.50	10 / 200
¾" MPT x ½" CTS	.090 30V x 18H w/STAB	6360507	3.90	6 / 84
¾" MPT x ½" CTS	.090 30V x 30H	6360502	4.00	10 / 140
¾" MPT x ½" CTS	.090 30V x 30H w/STAB	call	4.50	6 / 84
¾" MPT x ½" CTS	.090 36V x 24H	6360506	4.00	10 / 140
¾" MPT x ½" CTS	.090 48V x 24H	10003264	5.00	200
¾" MPT x ½" IPS	DR9.3 30V x 28H	6360018	8.93	8 / 112
¾" MPT x ¾" IPS	DR11 20" Steel x 36" Flex	10002788	6.00	6 / 84
¾" MPT x ¾" IPS	DR11 24V x 18H	6380285	4.4	8 / 112
¾" MPT x ¾" IPS	DR11 24V x 36H	6380284	5.75	8 / 112
¾" MPT x ¾" IPS	DR9.3 24V x 36H	call	6.09	8 / 112
¾" MPT x ¾" IPS	DR11 30V x 18H	6380283	4.12	8 / 112
¾" MPT x ¾" IPS	DR11 30V x 18H w/STAB	6380301	4.43	6 / 84
¾" MPT x ¾" IPS	DR11 30V x 30H	6380282	5.60	8 / 112
¾" MPT x ¾" IPS	DR11 30V x 30H w/STAB	6380230	8.00	6 / 84
¾" MPT x ¾" IPS	DR9.3 30V x 30H	10002131	6.00	8 / 112
¾" MPT x ¾" IPS	DR11 34" Steel x 32" Flex	10002789	7.00	6 / 84
¾" MPT x ¾" IPS	DR11 36V x 24H	6380286	5.60	8 / 112
¾" MPT x ¾" IPS	DR11 36V x 36H	6360445	6.80	8 / 112
¾" MPT x 1" CTS	.099 18" Steel x 24" Flex	call	6.40	50 / 50
¾" MPT x 1" CTS	.099 24" Steel x 36" Flex	call	6.75	8 / 112
¾" MPT x 1" CTS	.099 30V x 18H	10001945	4.25	8 / 112
1" MPT x ¾" IPS	DR11 18" Steel x 36" Flex	6380278	6.00	160
1" MPT x ¾" IPS	DR11 24V x 24H	10000586	5.70	8 / 112
1" MPT x ¾" IPS	DR11 24V x 24H w/STAB	10000587	6.04	50 / 50
1" MPT x ¾" IPS	DR11 30V x 30H	6380309	6.25	8 / 112
1" MPT x ¾" IPS	.099 18" Steel x 24" Flex	6360469	5.75	8 / 112
1" MPT x 1" CTS	.121 30V x 18H	6380225	6.50	50 / 50
1" MPT x 1" CTS	.099 30V x 30H	10000343	7.00	8 / 112
1" MPT x 1" CTS	.099 36V x 18H	10000911	7.00	8 / 112
1" MPT x 1" CTS	DR11 24V x 24H	6380292	5.00	6 / 84
1" MPT x 1" IPS	DR11 24V x 24H w/STAB	6380238	5.98	4 / 56
1" MPT x 1" IPS	DR11 24V x 36H	6380291	8.00	6 / 84
1" MPT x 1" IPS	DR11 30V x 18H	6380289	6.00	6 / 84
1" MPT x 1" IPS	DR11 30V x 30H	6380287	7.00	6 / 84
1" MPT x 1" IPS	DR11 30V x 30H w/STAB	6380314	7.75	6 / 84
1" MPT x 1" IPS	DR11 36V x 24H	6380290	7.00	6 / 84
1" MPT x 1" IPS	DR11 36V x 36H	6380316	8.00	6 / 84
1" MPT x 1" IPS	DR11 48V x 24H	6380302	8.00	6 / 84

Protective sleeves are available on request.

Please call for sizes and prices.

GF Central Plastics offers thousands of different riser configurations.

The configurations listed here are our standard stocking sizes.

Anodeless Risers: with PE2406/PE2708 Pipe



COMMERCIAL Anodeless Risers w/PE2406/PE2708 Pipe

Size	Description	Part Number	Wt.	Box / Pallet
1¼" MPT × 1¼" IPS	DR10 30V × 30H	6380293	10.00	6 / 84
1¼" MPT × 1¼" IPS	DR10 30V × 30H w/STAB	6360473	11.50	6 / 84
1¼" MPT × 1¼" IPS	DR10 36V × 24H	6380294	10.00	6 / 84
1½" MPT × 1½" IPS	DR11 30V × 24H	6380305	12.00	4 / 56
1½" MPT × 1½" IPS	DR11 36V × 26H	6380296	12.00	4 / 56
2" MPT × 2" IPS	DR11 36V × 34H	6380295	19.00	15 / 15
2" MPT × 2" IPS	DR11 36V × 34H w/STAB	6380262	21.00	15 / 15
2" MPT × 2" IPS	DR11 48V × 36H	6380272	23.00	15 / 15
2" MPT × 2" IPS	DR11 30V × 30H STUB ELL	6381012	18.00	2 / 28
2" MPT × 2" IPS	DR11 36V × 24H STUB ELL	6380177	18.00	2 / 28
2" MPT × 2" IPS	DR11 56" STEEL STRAIGHT	10002746	19.00	100 / 100
2" MPT × 2" IPS	DR11 36V × 34H FLANGED	10001228	23.00	10 / 10
3" MPT × 3" IPS	STUB 30" STEEL	6381013	31.40	1 / 24
3" MPT × 3" IPS	STUB 30" STEEL w/STAKE	6381015	31.40	1 / 24
3" MPT × 3" IPS	30" STEEL FLANGED	6381017	36.00	15
3" MPT × 3" IPS	42V × 24H STUB ELL	6381011	34.76	16 / 16
3" MPT × 3" IPS	STUB 42V × 24H FLANGED	10001419	40.00	15
4" MPT × 4" IPS	STUB 30" STEEL	6381014	40.00	1 / 24
4" MPT × 4" IPS	STUB 30" STEEL w/STAKE	6381016	43.00	1 / 20
4" MPT × 4" IPS	30" STEEL FLANGED	6381018	50.00	1 / 24
4" MPT × 4" IPS	42V × 24H STUB ELL	6381010	41.78	12 / 12
4" MPT × 4" IPS	42V × 24H FLANGED ELL	10001907	31.78	12 / 12
6" MPT × 6" IPS	40" STEEL FLANGED	10001275	70.00	1 / 4

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