

# Single Seal Anodeless Risers



Single seal anodeless risers provide an excellent meter connection that requires no cathodic protection.

## Features

- The industry's number one anodeless riser. No cathodic protection required.
- Available with Permasert coupling outlets
- Unique pressure seal locks PE tubing in place
- Optional below-grade secondary seal
- Pressure tested to 150 psi
- Prebent, straight or flexible designs available
- Variety of coatings available

## Benefits

- Simple and safe transition from the below-ground PE piping to the above ground meter connections
- Connect to the PE piping with safety, integrity and speed
- Pull-out strength is greater than the connected PE tubing
- Provides added security in case of structure fires
- Exclusive pre-test ensures the integrity of the transition joint
- Designed to meet any field installation situation
- Epoxy coated and galvanized casings to match your unique soil or atmospheric requirements

Elster Perfection anodeless service line risers provide an easy-to-install method for making polyethylene-to-steel transitions. Our prefabricated risers give you the confidence of knowing you've made a safe, permanent meter connection. These risers incorporate our unique pressure seal design, locking the PE tubing in place with pull-to-destruction strength. In addition, our double seal risers allow you to add the security of a below ground, fire-safe secondary seal.



# Anodeless Risers - connect with safety, integrity and speed

## Medium Density PE 2406 (Yellow) Tubing

Part Number	Threaded Steel Outlet	PE Tubing	Inlet Type	PE Tubing	Vert.	Horiz.
				SDR/Wall Thickness		
75169	3/4" NPT	1/2" CTS	Plain	.090"	30"	24"
77181	3/4" NPT	1/2" CTS	Permasert	.090"	30"	24"
79208	3/4" NPT	3/4" IPS	Plain	SDR 11	30"	25"
79209	3/4" NPT	3/4" IPS	Permasert	SDR 11	30"	25"
77121	3/4" NPT	1" CTS	Plain	.090/.099/.102"	30"	24"
77120	3/4" NPT	1" CTS	Permasert	.090/.099/.102"	30"	25"
79035	1" NPT	1" IPS	Plain	SDR 11	30"	24"
79408	1" NPT	1" IPS	Permasert	SDR 11	30"	25"
75900	1-1/4" NPT	1-1/4" IPS	Plain	SDR 10	30"	25"
75903	1-1/4" NPT	1-1/4" IPS	Plain	SDR 11	30"	24"
75901	1-1/4" NPT	1-1/4" IPS	Permasert	SDR 10	30"	25"
75904	1-1/4" NPT	1-1/4" IPS	Permasert	SDR 11	30"	25"
79799	1-1/2" NPT	1-1/2" IPS	Plain	SDR 11	32"	29"
79784	1-1/2" NPT	1-1/2" IPS	Permasert	SDR 11	32"	29"
79811	2" NPT, 90° Fusion Elbow	2" IPS	Plain	SDR 11	32"	29"
75906	2" NPT, 90° Fusion Elbow	2" IPS	Permasert	SDR 11	32"	12"
78403	2" NPT, Prebent Steel Casing	2" IPS	Plain	SDR 11	38"	36"
78510	3" NPT, 90° Fusion Elbow	3" IPS	Plain	SDR 11	37"	13"
78531	3" NPT, 90° Fusion Elbow	3" IPS	Plain	SDR 11.5	37"	13"
78555	4" NPT, 90° Fusion Elbow	4" IPS	Plain	SDR 11	37"	13"
78566	4" NPT, 90° Fusion Elbow	4" IPS	Plain	SDR 11.5	37"	13"

## High Density PE 3408 (Black) Tubing

Part Number	Threaded Steel Outlet	PE Tubing	Inlet Type	PE Tubing	Vert.	Horiz.
				SDR/Wall Thickness		
75174	3/4" NPT	1/2" CTS	Plain	.090"	30"	24"
77188	3/4" NPT	1/2" CTS	Permasert	.090"	30"	24"
79207	3/4" NPT	3/4" IPS	Plain	SDR 11	30"	25"
79214	3/4" NPT	3/4" IPS	Permasert	SDR 11	30"	25"
75766	1" NPT	1" IPS	Plain	SDR 11	30"	24"
79412	1" NPT	1" IPS	Permasert	SDR 11	30"	24"
75918	1-1/4" NPT	1-1/4" IPS	Plain	SDR 11	30"	25"
79823	2" IPS, Fusion Elbow	2" IPS	Plain	SDR 11	32"	12"

## High Density PE 4710/PE100 (Black) Tubing

Part Number	Threaded Steel Outlet	PE Tubing	Inlet Type	PE Tubing	Vert.	Horiz.
				SDR/Wall Thickness		
77188100	3/4" NPT	1/2" CTS	Permasert	.090"	30"	25"
79214100	3/4" NPT	3/4" IPS	Permasert	SDR 11	30"	25"
78442100	1" NPT	1" IPS	Permasert	SDR 11	30"	25"

Elster Perfection anodeless risers are available with these time and labor saving additions:

Bundled with Foundation Bracket	Galvanized casing in CTS sizes
Gas valve installed on outlet	Bypass nipple
Flange Outlet	Centering sleeve
Weld Outlet	Sun shield
Trace wire clip	Socket Fuse inlet

Meet or exceed the requirements of ASTM D-2513 category 1, ANSI B 1.20, ANSI B 31.8, US DOT Part 192, and CSA B137.4

## About Elster Group

Elster Group is the world's leading manufacturer and supplier of highly accurate, high quality, integrated metering and utilization solutions to the gas, electricity and water industries. In addition, through its subsidiary Ipsen International, it is the leading global manufacturer of high level thermo-chemical treatment equipment.

The group has over 8,500 staff, operations in 38 countries and serves over 115 markets around the world. Elster's high quality products and systems reflect the wealth of knowledge and experience gained from over 170 years of dedication to measuring precious resources and energy.

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