



Plasson Flex Restraint

For axial restraint
of PE pipe



2013



Global Presence - Local Commitment



For applications where axial restraint of a PE pipe is required Plasson introduces the “Flex Restraint”:



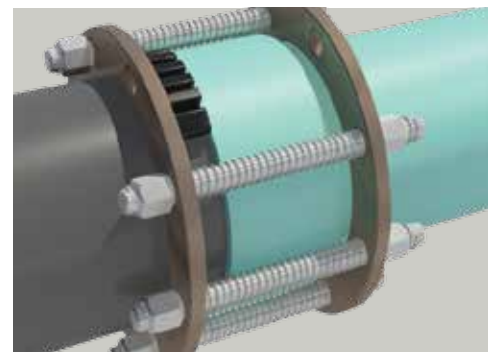
The restraint is a flexible bar, which is fused to the pipe by electrofusion to create a welded shoulder that can restrain the axial movement of pipes in various applications:



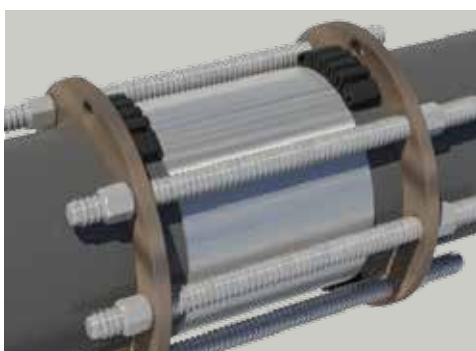
Anchoring the pipe to a concrete wall such as a manhole or tank.



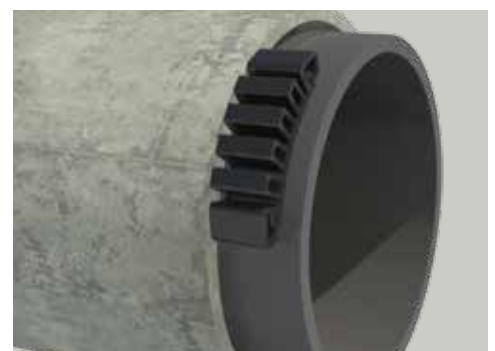
Fixing a sinker or thrust block to the pipe.



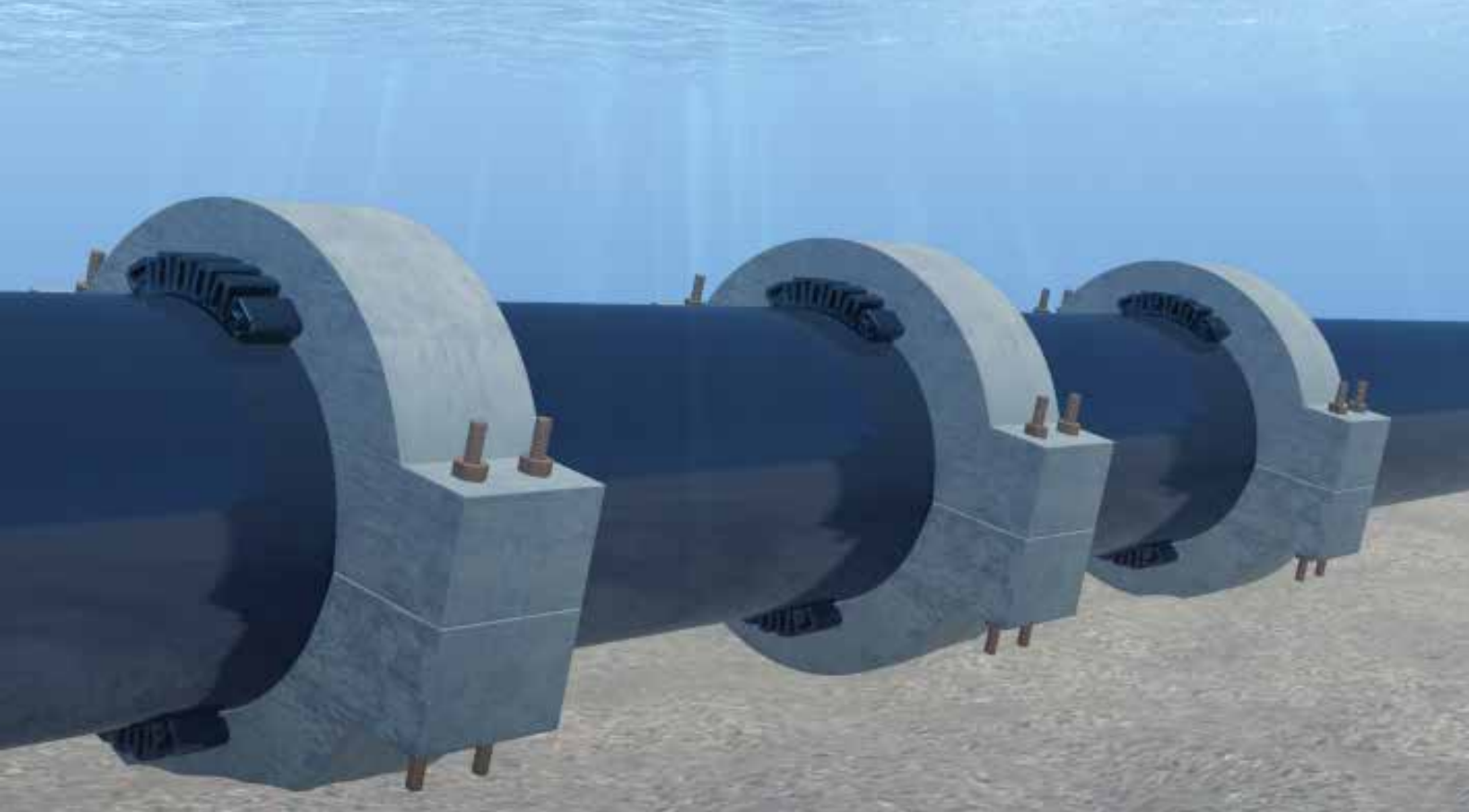
Restraining the pipe to a gasket bell fitting to facilitate cross connection with other piping systems.



Pipe repair by using a mechanical un-restrained coupling.



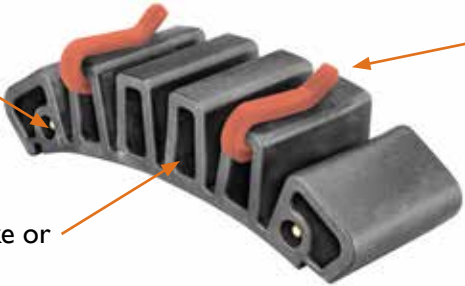
Blocking pipe movement after slip-lining



Plasson Flex Restraint Advantages:

Terminals are side mounted, to enabling use of a wide 50 mm/2” strap, for better clamping.

Concealed wire - eliminates risk of smoke or unintentional contact with hot wire

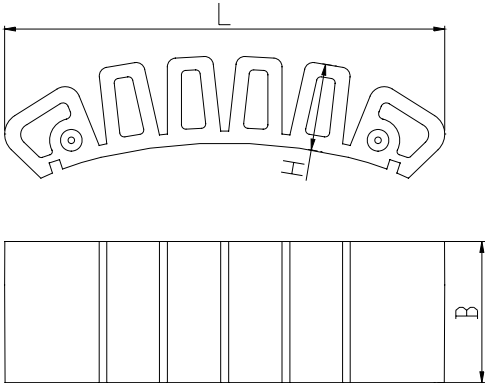


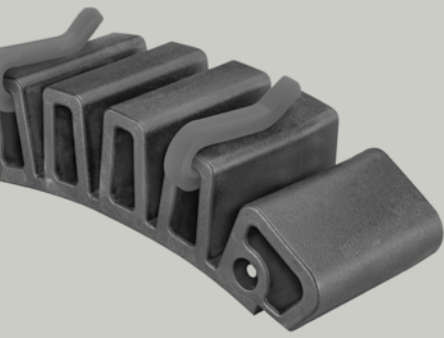
Clips for attaching the restraint to the clamping strap – facilitates installation

Technical Specifications:

- Fits any PE pipe in the size range of 6”- 63” , 160-1600 mm
- Made of PE 100 / PE4710 resin.
- Can be welded by any standard EF control box with barcode reading or manual input.
- Designed and tested to support 7000 LBS / 3100 dN (kg) of axial force. Use multiple units to achieve required force.

Item Number	L	H	B	Wt.
49009999	7.95 inch 202 mm	1.57 inch 40 mm	2.56 Inch 65 mm	0.66 lbs 300 gr.





Flex Restraint

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Installation:

- Clamp one or multiple restraints to the pipe by using ratchet tensioned strap. We recommend using the Plasson tension belt, which incorporates a special “tension force indicator” to indicate that the required tension has been reached.

Clamping



Cat No. 4_4704_001
Tension belt for Flex Restraint



Tension Force Indicator

