Plasson Flex Restraint
For axial restraint of PE pipe
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, enabling use of a wide 50 mm/2” strap, for better clamping.
- Clips for attaching the restraint to the clamping strap – facilitates installation
- Concealed wire - eliminates risk of smoke or unintentional contact with hot wire

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.

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<tr>
<td>49009999</td>
<td>7.95 inch</td>
<td>1.57 inch</td>
<td>2.56 Inch</td>
<td>0.66 lbs</td>
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<td>202 mm</td>
<td>40 mm</td>
<td>65 mm</td>
<td>300 gr.</td>
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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**