

## MAINS ANCHORAGE PLATE



GAS



WATER



NUCLEAR



CONTRACT SERVICES

### Permanent anchorage for PE inserted mains

**When replacing a main with PE pipe, the PE is inserted into the host main using Live or Dead insertion techniques, and tied back into the network.**

This routine replacement procedure is often completed without consideration of the thermal contraction of the PE pipe when temperatures fall, and also restraining the internal pressure inside the PE when it is connected to a metallic main by a non-end-loaded joint.

Pre-empting these risks, the Steve Vick Mains Anchorage Plate is an engineered steel disc that fits over the PE and acts as an anchorage point to stop the PE pipe from moving.

This eliminates the hazard of the PE pipe contraction or a non – end loaded joint from separating under pressure loads.

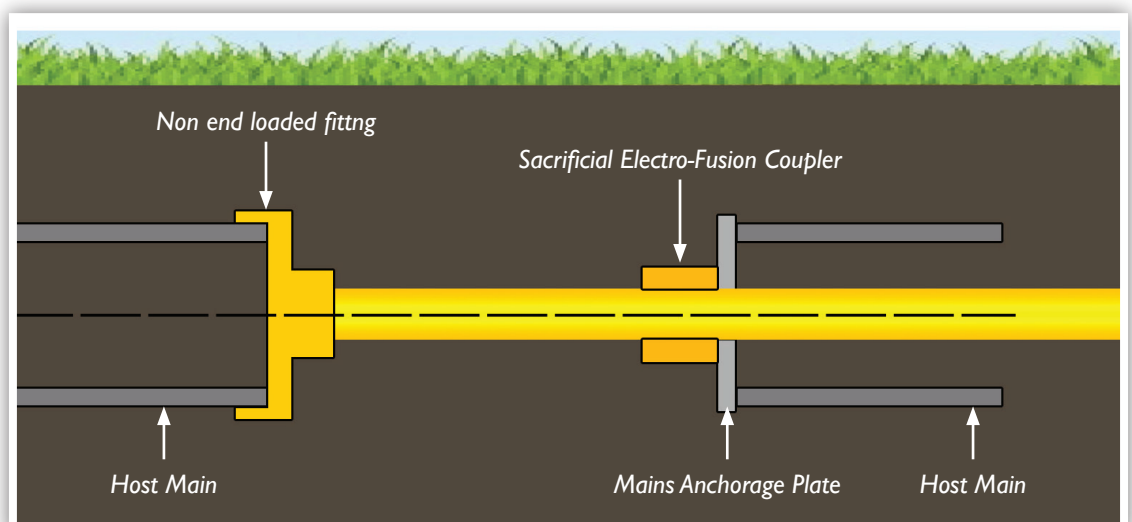
The mains anchorage plate is sized accordingly to diameters of the host main and PE pipe.

#### DESCRIPTION

After PE insertion, the plate and a sacrificial electro-fusion fitting is fitted over the PE pipe and pushed against the host main. The PE is tied into the first section of main via a non-endloaded fitting. The electro-fusion fitting can then be fused to the PE pipe. This restraining system will provide a permanent anchorage point, stopping the PE from moving any further in the axial plane of the host main.



**A SAFE preventative solution to the potential failure of joints or connections when temperature and pressure loadings cause PE pipe to be displaced**




## BENEFITS

- Preventative safety measure to avoid risk of joints/connections detaching from host main
- Quick and Easy to install
- Available in wide range of sizes
- Cost effective
- For use on live and dead mains insertion
- Simple lightweight design
- Corrosion resistant

## DIMENSIONS OF SIZES AVAILABLE

PE Pipe mm/Host main"	OD x ID x Thickness mm	Stock Code
55mm x 3"	100 x 58 x 8	620001
63mm x 3"	100 x 66 x 8	620002
75mm x 3"	100 x 78 x 8	620003
55mm x 4"	125 x 58 x 8	620004
63mm x 4"	125 x 66 x 8	620005
75mm x 4"	125 x 78 x 8	620006
90mm x 4"	125 x 93 x 8	620007
55mm x 6"	175 x 58 x 8	620008
63mm x 6"	175 x 66 x 8	620009
75mm x 6"	175 x 78 x 8	620010
90mm x 6"	175 x 93 x 8	620011
125mm x 6"	175 x 128 x 10	620012
55mm x 8"	225 x 58 x 8	620013
63mm x 8"	225 x 66 x 8	620014
75mm x 8"	225 x 78 x 10	620015
90mm x 8"	225 x 93 x 10	620016
125mm x 8"	225 x 128 x 10	620017

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