

## BIFURCATES

### TECHNICAL DATA

SINTAKOTE® STEEL PIPELINE SYSTEMS



#### GENERAL APPLICATION

Steel Mains Bifurcates for Steel Pipeline Systems are suitable for use with potable water and waste water in above and below ground applications.\*

For special application requirements, beyond what is specified in this datasheet, please contact Steel Mains.

\*Only applies to Steel Mains recommended coating and lining systems. Please consult the design manual for further details.

#### TECHNICAL DATA

##### Size Range

114mm to 2500mm diameter

##### Operating Pressures

Maximum 3500kPa

##### Maximum Velocities

6m/s for cement mortar lined fittings

##### Operating Temperatures

-40°C to 70°C

##### Certifications

AS/NZS ISO 9001

AS/NZS 4020

AS 1579 Standards Mark

Steel Mains Steel Pipeline System is available across a full size range and can be tailor-made to suit specific design parameters.

Bifurcates are also known as Y-pieces. They are manufactured from fabricated plate and/or pipe depending on diameters required. The angle between branches is 45 degrees.

The fabricated fitting is 100% non-destructively tested and complies to AS 1579.

SINTAKOTE is the recommended coating for pipe and fittings for the Steel Mains Steel Pipeline System and complies to AS 4321. Alternative coatings are offered where reduced operating life of the pipeline is permissible.

Cement Mortar Lining (CML) is the recommended lining for the Steel Pipeline System pipe and fittings, and complies to AS 1281. Alternative lining systems are available where required.

Special considerations to the jointing and the pipeline system's capabilities need to be confirmed with Steel Mains prior to proceeding with design.

- Consult the Steel Mains Steel Pipeline Systems Design manual for design information
- Check with Steel Mains on material availability prior to placing orders

