

Australian Standard[®]

**Guidelines for the application of
polyethylene sleeving to ductile iron
pipelines and fittings**

This Australian Standard was prepared by Committee WS/16, Cast Iron Pressure Pipes and Fittings. It was approved on behalf of the Council of Standards Australia on 10 July 1989 and published on 11 December 1989.

The following interests are represented on Committee WS/16:

Board of Works, Melbourne
Brisbane City Council
Confederation of Australian Industry
Department of Housing and Construction
Department of Local Government, Qld
Engineering and Water Supply Department, S.A.
Hunter Water Board
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PREFACE

This Standard was prepared by the Standards Australia Committee on Cast Iron Pressure Pipes and Fittings, and is based on current practices used in protecting underground ductile iron pipes and fittings from corrosion in aggressive soils.

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STANDARDS AUSTRALIA

Australian Standard

Guidelines for the application of polyethylene sleeving to ductile iron pipelines and fittings.

1 SCOPE. This Standard gives guidance on the application of polyethylene sleeving to ductile iron pipelines and fittings when installed underground.

2 GENERAL. Pipes and fittings are sleeved individually prior to laying. Pre-sleeving a number of pipes before installation is not recommended, but where it does occur, provision for suitable storage of sleeved pipes (such as sandbags) is recommended to prevent sleeving damage. Before application of the sleeving, the surface of the pipe or fitting is to be free of foreign material such as clay. Where site

conditions significantly increase the risk of sleeving penetration, consideration should be given to double wrapping i.e. where cast in-situ anchor-blocks are used.

Adhesive tape is used for sealing the sleeving to the surface of the pipe or fitting.

3 PIPES. (Spigot socket joints).

3.1 Sleeving configuration. The preferred configuration features a single overlap joint, which isolates individual pipe lengths, with a fold on the top part of the pipe. This is shown in Figures 3.1 and 3.2.

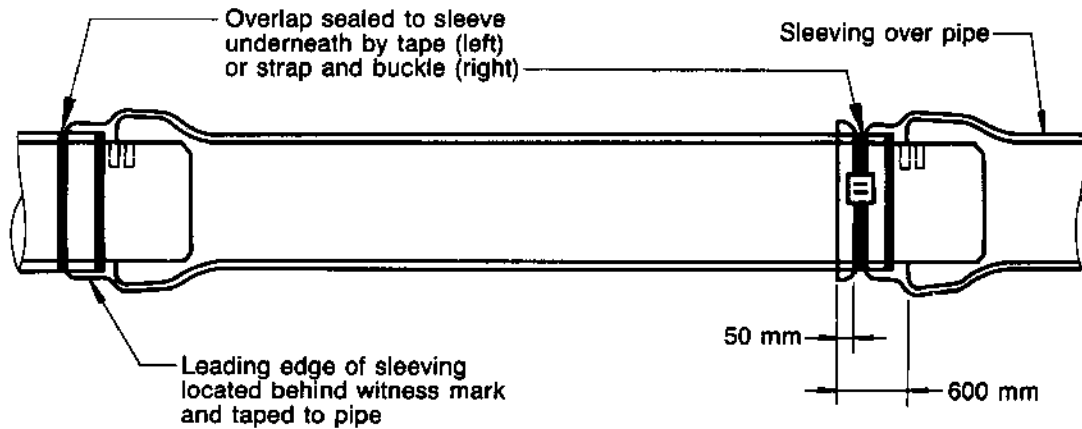


FIGURE 3.1 RECOMMENDED SLEEVING CONFIGURATION

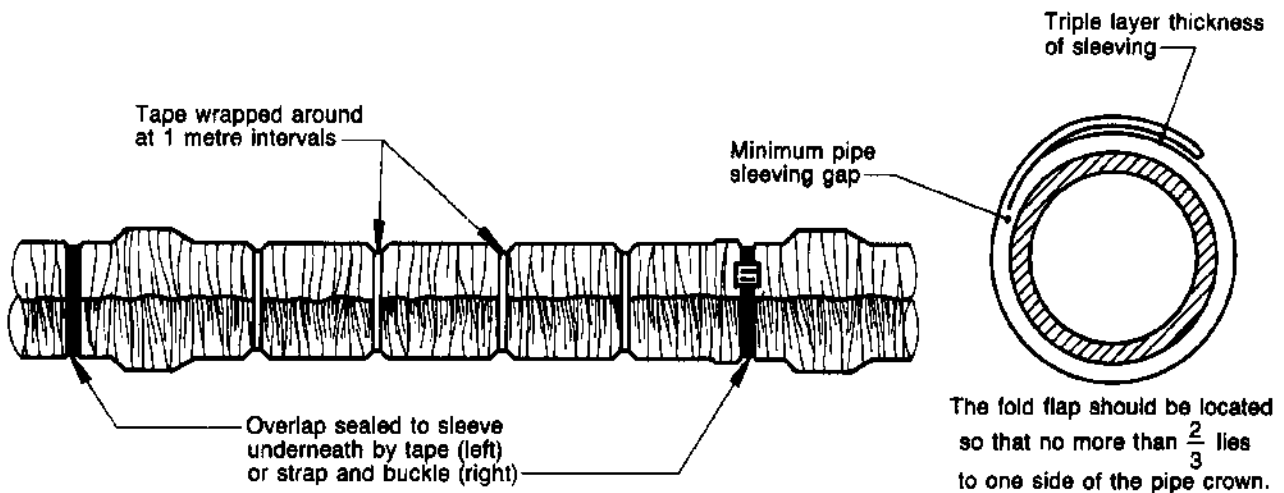


FIGURE 3.2 FINAL APPEARANCE SHOWING CLOSE CONTOURED FIT