

AS 3571—1989

Australian Standard[®]

**Glass filament reinforced
thermosetting plastics (GRP)
pipes—Polyester based—Water
supply, sewerage and drainage
applications**

[Title allocated by Defence Cataloguing Authority: PIPE, PLASTIC
(Thermosetting, glass fibre, reinforced, polyester based; water supply,
sewerage, and drainage applications) NSC 4170]

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The following interests are represented on Committee PL/44:

Composites Institute of Australia
Confederation of Australian Industry
Department of Local Government, Qld
Electricity Commission of New South Wales
Electricity Trust of South Australia
Engineering and Water Supply Department, S.A.
Melbourne and Metropolitan Board of Works
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PREFACE

This Standard was prepared by the Standards Australia Committee on Reinforced Plastics Products under the direction of the Plastics Standards Board. It is based on the work of an ISO Technical Committee, ISO/TC 138/SC 6, with specifications for water, sewerage and drainage applications combined in one document. Reference to relevant ASTM Standards and to AS 2634, *Chemical plant equipment made from glass fibre reinforced plastics (GRP) based on thermosetting resins*, was made during the preparation of this Australian Standard. The Standard is performance based and covers all methods of manufacture. GRP pipe fittings are not included in this Standard.

When drafting this document the Committee was made aware of statements that had been made regarding the possible carcinogenicity of certain man-made mineral fibres. The term 'glass filament' has been adopted to accurately describe the type of reinforcement used in products complying with this Standard. These materials characteristically have a diameter greater than 10 micrometres. The World Health Organization's International Agency for Research on Cancer (I.A.R.C.) designates 'glass filaments' as not classifiable with regard to human carcinogenicity.

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