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.

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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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CONTENTS

		Page
FORE	WORD	4
SECT	ION 1. SCOPE AND GENERAL	
1.1	SCOPE	5
1.2	APPLICATION	5
1.3	REFERENCED DOCUMENTS	5
1.4	DEFINITIONS	6
1.5	NOTATION	6
SECT	ION 2. GENERAL REQUIREMENTS	
2.1	COMPOSITION	7
2.2	PIPE WALL STRUCTURE	7
2.3	MAXIMUM SERVICE TEMPERATURE	7
2.4	CLASSIFICATION	7
2.5	SURFACE HARDNESS	7
2.6	SURFACE FINISH	7
2.7	EFFECT ON WATER QUALITY	8
2.8	REPAIR OF DEFECTS	8
2.9	MARKING	8
SECT	ION 3. DIMENSIONAL REQUIREMENTS	
3.1	DIAMETER	9
3.2	WALL THICKNESS	9
3.3	LENGTH	9
3.4	SQUARENESS OF ENDS	9
SECT	ION 4. PERFORMANCE REQUIREMENTS	
4.1	LONG-TERM TESTS	11
4.2	QUALITY CONTROL TESTS	12
SECT	ION 5. JOINTS	
5.1	GENERAL	15
5.2	JOINTS – SPIGOTS AND SOCKETS, COLLARS	15
5.3	RUBBER RINGS	15
5.4	JOINT REQUIREMENTS	15
5.5	JOINT PROPERTIES	15
5.6	TEST REQUIREMENTS	15
APPE	NDICES	
A	DETERMINATION OF COMPLIANCE OF A LOT	16
В	GUIDE TO SURFACE DEFECTS	17
C	ENQUIRY, TENDERING AND ORDERING INFORMATION	19
D	DESIGN PRINCIPLES USED FOR DETERMINING RELATIONSHIP	
	BETWEEN LONG-TERM AND SHORT-TERM PERFORMANCES OF GRP PIPE	20
	OM III	20



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