

# Australian Standard<sup>®</sup> 2887—1986

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## PLASTICS WASTE FITTINGS



**STANDARDS ASSOCIATION OF AUSTRALIA**  
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This Australian standard was prepared by Committee PL/28, Plastics Waste Fittings. It was approved on behalf of the Council of the Standards Association of Australia on 2 May 1986 and published on 7 July 1986.

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The following interests are represented on Committee PL/28:

Confederation of Australian Industry  
Department of Local Government, Qld  
Engineering and Water Supply Dept., S.A.  
Hunter District Water Board  
Local Government Department of Vic.  
Melbourne and Metropolitan Board of Works  
Metropolitan Water Sewerage and Drainage Board, N.S.W.  
Public Works Department, N.S.W.  
The Plastics Institute of Australia Inc.  
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Supersedes DR 85058 CTAS June 1986)

STANDARDS ASSOCIATION  
OF AUSTRALIA

Date 860714 File No.

Memo. by Anne Pughes To Kae, MIC

Re Letter of date

Dear Kae  
Re AS 2887 & AS 2888

AS 2887 supersedes in part AS A162-1969.

AS 2888 pts 1-10 supersede the test methods in AS A162-1969 (see Preface to AS 2888)

AS 2888 pt 5 supersedes Appendix F of AS A162

AS 2888 pt 9 supersedes Appendix D of AS A162

Please write inside AS 2887 that it supersedes ~~DR~~ DR 85058 (IAS June 1986)

AS 2888.1 supersedes DR 85059 AND AS 85060

AS 2888.2 had no draft.

All this has been checked with the TSO, Chris Slijer.

A decision has been made not to amend the history blocks or prefaces of these standards.

Anne  
SLC

AUSTRALIAN STANDARD

# PLASTICS WASTE FITTINGS

AS 2887—1986

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## PREFACE

This standard was prepared by the Association's Committee on Plastics Waste Fittings under the direction of the Plastics Standards Board.

This standard has been written to allow for any plastics material to be used, provided that the requirements set down can be met. Both dimensional and performance requirements have been specified. Some common soil connectors are included in this document with the majority to be covered in a future standard. Special fitting designs such as 'pop-up' wastes, telescopic and swivel connectors etc are not included at the present time. Sealing gaskets, rings and flexible diaphragms for plastics waste fittings are very varied in type. The technical committee responsible for preparing this standard is reviewing this situation and endeavouring to establish performance requirements and relevant methods of test for gaskets and rings. The standard makes reference to various tests which are given in AS 2888, Methods of Testing Plastics Waste Fittings.

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## STANDARDS ASSOCIATION OF AUSTRALIA

**Australian Standard**  
for  
**PLASTICS WASTE FITTINGS**

## SECTION 1. SCOPE AND GENERAL

**1.1 SCOPE.** This standard specifies requirements for moulded or fabricated plastics waste fittings for use in plumbing installations and includes traps, gullies, waste outlets, gratings and connectors.

Plastics waste fittings are suitable for receiving short duration, intermittent, liquid discharges at temperatures not exceeding 95°C.

Products complying with AS 1415 are not covered by this standard.

NOTE: Advisory information on alternative methods of determining compliance of a lot with this standard is given in Appendix A.

**1.2 APPLICATION.** Plastics waste fittings shall comply with the requirements of Section 1 and with the following Sections, as appropriate:

- Section 2—Plastics Waste Traps and Gullies
- Section 3—Plastics Waste Outlets and Gratings
- Section 4—Plastics Waste Connectors

**1.3 REFERENCED DOCUMENTS.** The following documents are referred to in this standard:

AS 1074	Steel Tubes and Tubulars Threaded or Suitable for Threading with Pipe Threads of Whitworth Form	AS 1646	Rubber Joint Rings for Water Supply, Sewerage and Drainage Purposes
AS 1172	Vitreous China Water Closet Pans	AS 1722	Pipe Threads of Whitworth Form Part 2—Fastening Pipe Threads
AS 1192	Electroplated Coatings—Nickel and Chromium	AS 1769	Welded Stainless Steel Tubes for Plumbing Applications
AS 1199	Sampling Procedures and Tables for Inspection by Attributes	AS 1821-23	Suppliers Quality Control Systems—Levels 1 to 3
AS 1355	Glossary of Terms Used in Connection with Water and Sanitary Plumbing and Drainage Installations	AS 2000	Guide to AS 1821-23, Suppliers Quality Control Systems
AS 1399	Guide to AS 1199, Sampling Procedures and Tables for Inspection by Attributes	AS 2032	Installation of UPVC Pipe Systems
AS 1415	Unplasticized PVC (UPVC) Pipes and Fittings for Soil, Waste and Vent (SWV) Applications Part 1—Pipes Part 2—Moulded Fittings Part 3—Fabricated Fittings Part 4—Rubber Ring Expansion Joints	AS 2033	Installation of Polyethylene Pipe Systems
AS 1432	Copper Tubes for Water, Gas and Sanitation	AS 2490	Sampling Procedures and Charts for Inspection by Variables for Percent Defective
AS 1444	Wrought Alloy Steels—AISI-SAE Standard, Hardenability (H) and Stainless Series	AS 2888	Methods of Testing Plastics Waste Fittings
AS 1589	Copper and Copper Based Alloy Fittings for Use in Sanitary Plumbing Installations	ISO/TR 6285	Pipes and Fittings of Acrylonitrile/Butadiene/Styrene Terpolymer (ABS)—Chemical Resistance with Respect to Fluids
		ISO/TR 7471	Polypropylene (PP) Pipes and Fittings—Chemical Resistance with Respect to Fluids
		BS 2494	Materials for Elastomeric Joint Rings for Pipework and Pipelines
		BS 6063	Methods of Test for Non-oil Extended Raw General Purpose Ethylene-Propylene-Diene Rubbers (EPDM)
		BS 6064	Methods of Test for Raw Acrylonitrile-Butadiene (NBR) Rubber
		ASTM D 2934	Testing Rubber Seals—Compatibility with Service Fluids
		ASTM D 3187	Rubber—Evaluation of NBR (Acrylonitrile-Butadiene Rubber)
		ASTM D 3568	Test Method for Rubber—Evaluation of EPDM (Ethylene, Propylene Diene Terpolymers) Including Mixtures with Oil
		ASTM D 3848	Rubber—Evaluation of NBR (Acrylonitrile-Butadiene Copolymers) Mixed and Carbon Black