

Australian Standard[®]

Personal flotation devices

**Part 2: Materials and components—
Requirements and test methods**



This Australian Standard® was prepared by Committee CS-060, Buoyancy Aids. It was approved on behalf of the Council of Standards Australia on 29 October 2008. This Standard was published on 2 December 2008.

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 - Australian Chamber of Commerce and Industry
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This Standard was issued in draft form for comment as DR 07402.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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Part 2: Materials and components— Requirements and test methods

First published as AS 4758.2—2008.

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Published by Standards Australia GPO Box 476, Sydney, NSW 2001, Australia

ISBN 0 7337 8971 4

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CS-060, Buoyancy Aids.

The object of this Standard is to provide manufacturers with the requirements for the materials and components for the use in the construction of personal flotation devices (PFDs).

This Standard is Part 2 of a three-part series dealing with personal flotation devices. The other parts are as follows:

Part 1: General requirements

Part 3: Test methods

The term 'normative' has been used in this Standard to define the application of the appendix to which it applies. A 'normative' appendix is an integral part of a Standard.

Statements expressed in mandatory terms in footnotes to tables are deemed to be requirements of this Standard.

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STANDARDS AUSTRALIA

Australian Standard
Personal flotation devices

Part 2: Materials and components—Requirements and test methods

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies the requirements for the structural materials and components for the construction of personal flotation devices (PFDs).

1.2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard.

AS

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|--------|------------------------------|
| 3570 | Automotive diesel fuel |
| 4758 | Personal flotation devices |
| 4578.1 | Part 1: General requirements |

ISO

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|---------|---|
| 139 | Textiles—Standard atmospheres for conditioning and testing |
| 1421 | Rubber- or plastics-coated fabrics—Determination of tensile strength and elongation at break |
| 1926 | Rigid cellular plastics—Determination of tensile properties |
| 2062 | Textiles—Yarns from packages—Determination of single-end breaking force and elongation at break |
| 2411 | Rubber- or plastics-coated fabrics—Determination of coating adhesion |
| 3696 | Water for analytical laboratory use—Specification and test methods |
| 4674 | Rubber- or plastics coated fabrics—Determination of tear resistance |
| 4674-1 | Part 1: Constant rate of tear methods |
| 7229 | Rubber- or plastics-coated fabrics—Measurement of gas permeability |
| 7854 | Rubber- or plastics-coated fabrics—Determination of resistance to damage by flexing |
| 9073 | Textiles—Test methods for non-wovens |
| 9073-4 | Part 4: Determination of tear resistance |
| 9227 | Corrosion tests in artificial atmospheres—Salt spray tests |
| 13934 | Textiles—Tensile properties of fabrics |
| 13934-1 | Part 1: Determination of maximum force and elongation at maximum force using the strip method |
| 13934-2 | Part 2: Determination of maximum force using the grab method |