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LIFEJACKETS



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in small boats in partially smooth waters)]



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The following interests were represented on the committee responsible for the preparation of this standard:

- Association of Australian Port and Marine Authorities
- Australian Water Ski Association
- Australian Yachting Federation
- Chief Secretary's Office, Victoria
- Department of Consumer Affairs, New South Wales
- Department of Defence
- Department of Transport and Construction
- Harbours and Marine Department, Queensland
- Manufacturers of Buoyancy Aids
- Maritime Services Board of New South Wales
- Metal Trades Industry Association of Australia
- National Safety Council of South Australia
- New South Wales Police Department
- Royal Volunteer Coastal Patrol

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AUSTRALIAN STANDARD

LIFEJACKETS

AS 1512—1983

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PREFACE

This edition of this standard was prepared by the Association's Committee on Buoyancy Aids to supersede AS 1512-1981.

There are two technical changes from the 1981 edition. A more realistic value for colourfastness has been included, together with a requirement that retroreflective material be fitted to lifejackets. Some editorial rearrangement has also been made.

This standard relates to lifejackets suitable for use in many recreational activities.

Guidance on the selection and care of lifejackets is given in AS 2258, Code for Selection and Care of Buoyancy Aids. Other related Australian standards are—

- AS 1499 Buoyancy Vests
- AS 2260 Buoyancy Garments
- AS 2261 Rescue Buoys
- AS 2262 Float-off Buoyancy Aids

Those requirements which are common to all buoyancy aids are consolidated into a separate standard, viz AS 2259, General Requirements for Buoyancy Aids.

Some statutory authorities and boating organizations may require evidence from manufacturers that their product complies with the provisions of this standard for lifejackets. The 'AS' certification trademark of the Standards Association of Australia (see Clause 3.7) on a lifejacket is an independent assurance of such compliance.

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STANDARDS ASSOCIATION OF AUSTRALIA

**Australian Standard
for
LIFEJACKETS**

SECTION 1. SCOPE AND GENERAL

1.1 SCOPE. This standard specifies requirements for lifejackets anticipated for use in small boats in waters where early rescue may be expected.

1.2 APPLICATION. Lifejackets shall comply with the requirements of this standard in addition to the relevant requirements of AS 2259.

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

- | | |
|----------------|--|
| AS 2001 | Methods of Test for Textiles
2001.4.2—Part 4—Colourfastness Tests—Determination of Colourfastness to Daylight
2001.4.14—Part 4—Colourfastness Tests—Determination of Colourfastness to Seawater |
| AS 2259 | General Requirements for Buoyancy Aids |
| AS K185 | Colours for Specific Purposes |

1.4 CLASSIFICATION. Inherently buoyant lifejackets shall be classified in terms of the minimum buoyancy deemed to be adequate for intended wearers, within the ranges of body mass as follows:

- Body mass 40 kg and over**
- Body mass 22 kg to 40 kg**
- Body mass 12 kg to 25 kg**
- Body mass 10 kg to 15 kg**

NOTE: Owing to the difficulties in design and testing, this standard does not include lifejackets for body mass below 10 kg.

Jackets in the two lower ranges of body mass shall be considered to be 'children's lifejackets'.

Lifejackets relying on inflatable chambers as a source of buoyancy shall be provided only in the two upper ranges of body mass.