

Australian Standard<sup>®</sup>

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**Roundslings—Synthetic fibre**

**Part 1: Product specification**

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This Australian Standard was prepared by Committee ME/25, Lifting Tackle. It was approved on behalf of the Council of Standards Australia on 8 August 1997 and published on 5 October 1997.

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Australian Chamber of Commerce and Industry  
Australian Chamber of Manufactures  
Australian Forging Group  
Australian Maritime Safety Authority  
Department of Defence  
Institution of Engineers, Australia  
Metal Trades Industry Association of Australia  
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## PREFACE

This Standard was prepared by the Standards Australia Committee ME/25 on Lifting Tackle.

Cognizance was taken of the CEN draft for comment 94/709222 DC, *Draft European Standard Textile slings—Safety, Part 2: Specification for round slings made of man-made fibres* (prEN 1492-2).

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendix to which they apply. A ‘normative’ appendix is an integral part of a Standard, whereas an ‘informative’ appendix is only for information and guidance.

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## CONTENTS

	<i>Page</i>
1 SCOPE .....	4
2 REFERENCED DOCUMENTS .....	4
3 DEFINITIONS .....	4
4 MATERIAL .....	12
5 DESIGN AND MANUFACTURE .....	12
6 MECHANICAL PROPERTIES .....	13
7 MARKING .....	13
8 TESTING OF MECHANICAL PROPERTIES .....	16
9 PROOF TESTING .....	16
 APPENDICES	
A INFORMATION THAT SHOULD BE SUPPLIED WITH ENQUIRIES AND ORDERS .....	18
B CONDITIONS FOR APPLICATION OF TEST FORCES .....	19
C MEANS FOR DEMONSTRATING COMPLIANCE WITH THIS STANDARD .....	20

STANDARDS AUSTRALIA

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**1 SCOPE** This Standard specifies requirements for roundslings made of synthetic fibre that are intended for lifting purposes.

This Standard does not apply to slings that have been repaired.

**NOTES:**

- 1 Guidance on information that should be supplied with enquiries and orders is given in Appendix A.
- 2 Recommendations for the care and use of roundslings are given in AS 4497.2.

**2 REFERENCED DOCUMENTS** The following documents are referred to in this Standard:

**AS**

1199	Sampling procedures and tables for inspection by attributes
1399	Guide to AS 1199—Sampling procedures and tables for inspection by attributes
2193	Methods for calibration and grading of force-measuring systems of testing machines
3585	End fittings for flat-webbing slings
3776	Lifting components for Grade T chain slings
4497	Roundslings—Synthetic fibre
4497.2	Part 2: Care and use

**AS/NZS**

ISO 9000	Quality management and quality assurance standards
ISO 9000.1	Part 1: Guidelines for selection and use
ISO 9904	Quality management and quality system elements
ISO 9004.1	Part 1: Guidelines

**SAA**

HB18	Guidelines for third-party certification and accreditation
HB18.28	Guide 28—General rules for a model third-party certification scheme for products

**3 DEFINITIONS** For the purpose of this Standard, the definitions below apply.

**3.1 Competent person**—a person having practical and theoretical knowledge and relevant experience, sufficient to enable that person to detect and evaluate any defects and any weaknesses that may affect the intended performance of the equipment.

**3.2 Effective length**—the distance between the bearing points of the sling, including any end fittings, while stretched out by hand (without noticeable tension) on a flat surface (see Figure 1 and Clause 5.5).