

Australian Standard[®]

**TEXTILES—
TARPAULINS**

This Australian Standard was prepared by Committee TX/3, Heavy Textiles and Tarpaulins. It was approved on behalf of the Council of the Standards Association of Australia on 4 August 1987 and published on 4 January 1988.

The following interests are represented on Committee TX/3:

Australian Canvas and Synthetic Products Association
Australian Chamber of Commerce
Australian Road Transport Federation
Confederation of Australian Industry
Department of Defence
Plastics Institute of Australia Inc
Railways of Australia Committee
Textile Council of Australia Limited
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This Standard was issued in draft form for comment as DR 85279.

AS 3520—1988

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First published as AS 3520—1988

PUBLISHED BY STANDARDS AUSTRALIA
(STANDARDS ASSOCIATION OF AUSTRALIA)
1 THE CRESCENT, HOMEBUSH, NSW 2140

ISBN 0 7262 4796 0

PREFACE

This Standard was prepared by the Association's Committee on Heavy Textiles and Tarpaulins under the direction of the Textile Standards Board.

The Standard specifies the requirements for tarpaulins and shaped covers, including canopies, manufactured from duck (canvas) made from cotton or cotton and polyester fibre mixtures or from coated fabrics.

The Standard classifies tarpaulins and shaped covers into two types depending on the material they are made from, as stated above, and into four designations. It gives suggestions for the end use of each duty.

Details of seams and stitching are specified together with appurtenances such as shortening lugs, eyelets and ropes.

CONTENTS

	<i>Page</i>
SECTION 1. SCOPE AND GENERAL	
1.1 SCOPE	3
1.2 APPLICATION	3
1.3 REFERENCED DOCUMENTS	3
1.4 DEFINITIONS	3
1.5 CLASSIFICATION	3
1.6 DIMENSIONS	3
1.7 MARKING	3
 SECTION 2. MANUFACTURING REQUIREMENTS	
2.1 TYPE 1 DUCK TARPAULINS	5
2.2 TYPE 2 COATED FABRIC TARPAULINS	5

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STANDARDS ASSOCIATION OF AUSTRALIA

Australian Standard
TEXTILES—TARPAULINS

SECTION 1. SCOPE AND GENERAL

1.1 SCOPE. This Standard specifies the requirements for tarpaulins and shaped covers including canopies manufactured from a rot- and water-resistant duck, or from coated fabrics made from natural or synthetic fibres.

1.2 APPLICATION. The Standard is applicable to all types of tarpaulins and shaped covers used for protecting buildings and goods from weather during storage and transport. It is not intended that the tarpaulins and shaped covers be used for cargo-holding.

1.3 REFERENCED DOCUMENTS. The following Standards are referred to in this Standard:
AS 1504 Fibre Rope—Three-strand, Hawser Laid.

AS 2001 Methods of Test for Textiles.

AS 2001.2.3 Physical Tests—Determination of Breaking Force and Extension of Textile Fabrics.

AS 2001.2.7 Physical Tests—Determination of Breaking Force and Extension of Yarns.

AS 2001.7.10 Quantitative Analysis of Fibre Mixtures—Binary Mixtures of Certain Cellulose Fibres with Polyester (Method Using Sulphuric Acid 75 percent *m/m*).

AS 2860 Textiles—Seam Types—Classification and Terminology.

AS 2930 Textiles—Coated Fabrics for Tarpaulins.

1.4 DEFINITIONS. For the purpose of this Standard the definitions below apply.

1.4.1 Tarpaulin—a waterproof cover generally made from a number of widths of fabric such as canvas, duck, or coated fabric joined together to form a flat sheet. A tarpaulin usually has reinforced eyelets, loops, fittings or attachments at set intervals around its perimeter or within its body for securing it over goods, buildings, objects or supporting structures to give protection against the weather.

1.4.2 Shaped cover (canopy)—a waterproof cover made from a number of widths of fabric such as canvas, duck or coated fabric joined together and shaped to three dimensions. A shaped cover (canopy) usually has reinforced eyelets at set intervals around its perimeter for securing it over goods, buildings, objects or supporting structures to give protection against the weather.

1.4.3 Bonded seam—area of bond between two pieces of coated fabric.

1.4.4 Seam break—the rupture or separation of the pieces of coated fabric within a bonded seam.

1.5 CLASSIFICATION. Tarpaulins and shaped covers shall be classified as follows:

1.5.1 Type. The type shall be as follows:

- (a) *Type 1.* Made from rot and water-resistant finished fabrics.
- (b) *Type 2.* Made from coated fabrics complying with AS 2930.

1.5.2 Designation. Tarpaulins shall be supplied in one of four duties suitable for the following suggested applications as indicated:

- (a) *Heavy duty* — Tarpaulins for long distance road haulage, mercantile cargo, container covers and railway tarpaulins. See Table 1 for a list of recommended materials.
- (b) *Medium duty* — Tarpaulins and canopy covers for short road haulage and roof covers or static sites. See Table 1 for a list of recommended materials.
- (c) *Light duty* — Tarpaulins for static temporary covers and covers for light vehicles, small craft and similar applications. See Table 1 for a list of recommended materials.
- (d) *Extra light duty* — Tarpaulins for undersheets, agricultural covers and duty temporary emergency storm covers. See Table 1 for a list of recommended materials.

1.6 DIMENSIONS. Dimensions of tarpaulins, covers, canopies and any attached ropes shall be agreed on between purchaser and supplier. The dimensions stated shall be the factory finished sizes.

NOTE: In specifying the required dimensions, due regard may need to be taken of dimensional changes which may occur in the material during use.

1.7 MARKING. Tarpaulins, covers and canopies shall be clearly marked with the following information:

- (a) Finished dimensions ex manufacturer.
- (b) Fabric identification code as stated in the relevant Australian Standard.
- (c) Manufacturer's name or trademark.