AS 1818—1976

Australian Standard®

FLAX CANVAS INCLUDING WATER-BAG CANVAS

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The following scientific, industrial and governmental organizations and departments were officially represented on the committee entrusted with the preparation of this standard:

Associated Chambers of Manufactures of Australia

Australasian Steamship Owners Federation

Australian Chamber of Commerce

Australian Road Transport Federation

Canvas Goods Manufacturers Federation

Cordage Institute of Australia

Cotton and Allied Textile Manufacturers Association of Australia

Department of Manufacturing Industry

Department of Defence

Railways of Australia Committee

University of New South Wales

Wholesale Softgoods Federation of Australia

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PREFACE

This standard was prepared by the Association's Committee on Heavy Textiles as a metrication and revision of AS L3—1970, which it accordingly supersedes. It covers flax canvas manufactured from long line flax yarn and flax tow yarn and water bag canvas manufactured from flax tow and jute yarns. Line flax canvas is provided in four masses designated LFC, and tow canvas in two masses designated FTC. Water bag canvas is designated WFC.

The physical properties of the canvases are stated together with the methods of test.

Reference is made to the following Australian standards:

AS 1561 Method for the determination of the number of threads per unit length in a sample of woven fabric

AS 1587 Methods of measurements of textile fabrics — Length, width thickness, mass per unit length and mass per unit area

AS L6 Method for the determination of breaking load and extension of woven textile fabrics.

STANDARDS ASSOCIATION OF AUSTRALIA

Australian Standard Specification
for
FLAX CANVAS INCLUDING WATER-BAG CANVAS

1 SCOPE. This specification applies to line flax canvas, flax tow canvas and water bag canvas, having nominal masses from 500 to 1020 g/m^2.

2 DESIGNATION. The designation of the canvases shall be based on mass per square metre of the canvas, as follows:

Line flax canvas:	LFC 540
	LFC 620
	LFC 680
	LFC 1020
Flax tow canvas:	FTC 510
	FTC 620
Water bag canvas:	WFC 700

3 YARN.

3.1 Flax Yarn. Flax yarn shall consist of retted line or tow flax. The yarn shall be well and evenly spun properly twisted and of reasonably uniform substance and quality. No deleterious substance shall be used in its manufacture.

When determined by the method described in Appendix A, the residual alkali solubility of the flax yarn shall not exceed 11 percent.

3.2 Jute Yarn. Jute yarn shall consist of retted jute tow, well and evenly spun, properly twisted and of reasonably uniform substance and quality. No deleterious substance shall be used in its manufacture.

4 WEAVE. The canvas shall be plain woven and constructed as specified in Table 1. Where two warp threads are specified they shall be woven as one yarn.

The average number of threads per centimetre in each direction shall be determined by the method described in AS 1561*.

* AS 1561, Method for the Determination of the Number of Threads per Unit Length in a Sample of Woven Fabric.