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Fire blankets

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Sets out requirements for finished fire blankets and includes tests for materials used in the manufacture of fire blankets which

may be tested separately.
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Australian Assembly of Fire Authorities
Australian Consumers Association
Australian Federation of Consumer Organizations
Australian Fire Protection Association
Bush Fire Council of New South Wales
Commonwealth Fire Board
Confederation of Australian Industry
Department of Defence
Department of Industrial Relations and Employment, New South Wales
Federation of Australian Industry
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Fire blankets

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PREFACE

This Standard was prepared by the Standards Australia Committee on Fire Blankets to supersede AS 3504—1987.

This edition differs from the 1987 edition in that in addition to requirements for finished fire blankets it includes tests for material used in the manufacture of fire blankets which may be tested separately in accordance with Section 3.

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STANDARDS AUSTRALIA**Australian Standard****Fire blankets****SECTION 1. SCOPE AND GENERAL**

1.1 SCOPE. This Standard specifies requirements for fire blankets intended for use by one person and the material used for the manufacture of such fire blankets.

This Standard does not include requirements for blankets or sheets intended to be used in any of the following applications:

- (a) As a protection against radiant heat.
- (b) As a protection against sparks and hot material e.g. when welding or oxy-cutting.
- (c) As curtains used for optical protection.

1.2 APPLICATION. The requirements specified in this Standard relate to the performance of fire blankets in extinguishing small cooking fires and clothing fires. Other functions for which a fire blanket may be used are not dealt with in this Standard.

1.3 REFERENCED DOCUMENT. The document below is referred to in this Standard.

AS 2706 Numerical values—Rounding and interpretation of limiting values

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

1.4.1 Fire blanket—a flexible sheet of material intended to be used to extinguish small fires by smothering.

1.4.2 Clothing fire—a fire in the clothes being worn by a person (also known as a 'human-torch' fire).

1.4.3 Non-piloted ignition—ignition which occurs without the involvement of an external source of ignition.

1.5 INTERPRETATION OF SPECIFIED LIMITING VALUES. For the purpose of assessing compliance with this Standard, the specified limiting values herein shall be interpreted in accordance with the 'rounding method' described in AS 2706, i.e. the observed or calculated value shall be rounded to the same number of figures as in the specified limiting value and then compared with the specified limiting value. For example, for specified limiting value of 2.5, 2.50, and 2.500, the observed or calculated value would be rounded respectively to the nearest 0.1, 0.01, or 0.001.