Australian Standard™

Slide fasteners

Standards Australia

This Australian Standard was prepared by Committee TX-018, Specifications for Textile Furnishings. It was approved on behalf of the Council of Standards Australia on 10 September 2003 and published on 7 November 2003.

The following are represented on Committee TX-018:

AWTA Textile Testing
Australian Chamber of Commerce and Industry
Australian Retailers Association
Australian Wool Processors Council
Certification Interests
Consumer Affairs Victoria
Drycleaning Institute of Australia
Furnishers Society of Victoria
National Council of Women of Australia
Society of Dyers and Colourists of Australia and New Zealand
Soft Furnishings Industry Association of Australia
Textile Distributors Association

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PREFACE

This Standard was prepared by the Standards Australia Committee TX-018, Specifications for Textile Furnishings to supersede AS 2332—1980.

This Standard is based on but not equivalent to BS 3084—1992, *Specification for slide fasteners* but reference was also made to the Japanese Standard, JIS S 3015:1993, *Slide fasteners* and the US Federal Specification FEDSPEC V-F-106F:1998, *Fastener, slide, interlocking* and results of testing of slide fasteners which had given further insight into failures and the need for tougher requirements.

Slide fasteners are classified by their chain width with performance classes ranging from ultra light to ultra heavy. Ultra heavy is an added class in this edition of the Standard. The secondary method of determining class is by the end use.

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.

CONTENTS

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1 SCOPE

This Standard specifies performance levels for the following characteristics of slide fasteners made from interlocking components mounted on textile tapes: strengths of puller attachment, closed-end, top-stop, open end fastener box, reciprocating mechanism, closed fastener when extended laterally, open end attachment when extended laterally, slider lock and security of separate element fasteners laterally and longitudinally. Tests for quantifying these properties are given in the Appendices A to J. In addition, performance levels are specified for colourfastness to washing, drycleaning, water, and for dimensional change to washing and drycleaning.

NOTE: Guidance on factors to be considered when specifying slide fasteners is given in Appendix K.

Properties specific to applications such as aeronautics and fasteners of complicated structure such as three-way and double-pull are not included within the scope of this Standard.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

2001		Methods of test for textiles
2001.4.B02	Part 4.B02:	Colourfastness tests—Colourfastness to artificial light: Xenon arc fading lamp test (ISO 105-B02:1994, MOD)
2001.4.E01	Part 4.E01:	Colourfastness tests—Colourfastness to water
2001.4.3	Part 4.3:	Colourfastness tests—Determination of colourfastness to rubbing
2001.4.15	Part 4.15:	Colourfastness tests—Determination of colourfastness to washing
2001.4.16	Part 4.16:	Colourfastness tests—Determination of colourfastness to dry cleaning solvents
2001.4.21	Part 4.21:	Colourfastness tests—Determination of colourfastness to light using an artificial light source (mercury vapour, tungsten filament, internally phosphor-coated lamp)
2001.5.4	Part 5.4:	Dimensional change—Determination of dimensional change in laundering of textile fabrics and garments—Automatic machine method
2001.5.7	Part 5.7:	Dimensional change—Determination of dimensional change on dry cleaning in perchloroethylene excluding finishing—Machine method
2193		Calibration and classification of force-measuring systems

ISO

105		Textiles—Tests for colour fastness
105-B02	Part B02:	Colour fastness to artificial light: Xenon arc fading lamp test
105-C03	Part C03:	Colour fastness to washing: Test 3
105-D01	Part D01:	Colour fastness to dry cleaning
105-E01	Part E01:	Colour fastness to water
105-X12	Part X12:	Colour fastness to rubbing

