AS/NZS EN 13356:2015
EN 13356:2001

AS/NZS EN 13356:2015

Australian/New Zealand Standard™

Visibility accessories for non-professional use—Test methods and requirements

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Department of Planning, Transport and Infrastructure, SA
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee MS-049, Retroreflective Devices.

The objective of this Standard is to specify requirements for accessories meeting known criteria of high visibility at night.

This Standard is identical with, and has been reproduced from EN 13356:2001, *Visibility accessories for non-professional use—Test methods and requirements*.

As this Standard is reproduced from a European Standard, the following applies:

(a) In the source text 'this European Standard' should read 'this Australian/New Zealand Standard'.

(b) A full point substitutes for a comma when referring to a decimal marker.

References to International Standards should be replaced by references to Australian or Australian/New Zealand Standards, as follows:

Reference to International Standard		*Australian Standard*	
EN ISO		AS	
		2001	Methods of test for textiles
6330	Textiles—Domestic washing and drying procedures for textile testing	2001.5.4	Method 5.4: Dimensional change—Domestic washing and drying procedures for textile testing (ISO 6330:2000, MOD)

Only normative references that have been adopted as Australian or Australian/New Zealand Standards have been listed.

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

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Full document details: AS NZS EN 13356-2015

CONTENTS

0 Introduction 4

1 Scope 4

2 Normative references 4

3 Terms and definitions 5

4 Requirements for accessories 5
4.1 General requirements 5
4.2 Specific requirements for different types of accessories 6

5 Testing 7
5.1 General 7
5.2 Photometric testing 8
5.3 Abrasion test (brushing) 8
5.4 Washing and dry cleaning test 9
5.5 Low temperature test 9
5.6 High temperature test 9
5.7 Exposure to water 9

6 Marking 10

7 Manufacture information for use 10

Annex A (normative) Test method for brushing according to 5.3 11
A.1 Apparatus 11

Annex ZA (informative) Clauses of this European Standard addressing essential requirements or other provisions of EU Directives 12

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AUSTRALIAN/NEW ZEALAND STANDARD

Visibility accessories for non-professional use—Test methods and requirements

0 Introduction

This European Standard relates to products primarily intended to be worn or carried by individuals to make them more conspicuous to other road users under low light levels. The products rely upon retro-reflection for their performance. The products can be regarded as aids to conspicuity that perform best in circumstances of very low ambient lighting. On lit urban roads, products conforming to EN 471 : 1994 or EN 1150 are necessary to provide conspicuity. In any circumstance in which the failure of a vehicle driver to become aware of another road user could result in the serious injury or death of that road user, only high conspicuity garments can be recommended for use. Products conforming to this European Standard have a utility when their movement and retro-reflection attract observers' attention.

1 Scope

This standard specifies the optical performance requirements for accessories which are to be worn, attached to or carried by people and designed for non-professional use. Visibility accessories complying with this standard are intended to signal the user's presence visually when illuminated by vehicle headlight on dark roads. This standard is not applicable to garments.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 471 : 1994
High-visibility warning clothing

EN 1150
Protective clothing - Visibility clothing for non-professional use - Test methods and requirements

EN ISO 3175 : 1995
Textiles - Evaluation of stability to machine dry-cleaning (ISO 3175:1995)

EN ISO 6330 : 2000
Textiles - Domestic washing and drying procedures for textile testing (ISO 6330:2000)

CIE 17.4 :1987
International lighting vocabulary – Chapter 845: Lighting

CIE 18.2 : 1983
The basis of physical photometry

CIE 54 :1982
Retroreflection: Definition and measurement

IEC 60068-2-32
Basic environmental testing procedures – Part 2: Tests – Test Ed: Free fall

ISO 4675
Rubber- or plastics-coated fabrics - Low-temperature bend test

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