

STANDARDS AUSTRALIA

RECONFIRMATION

OF

AS 2001.2.30—1994

Methods of test for textiles

Method 2.30: Physical tests—Determination of abrasion resistance of coated textile fabrics (oscillatory cylinder method)

RECONFIRMATION NOTICE

Technical Committee TX-020 has reviewed the content of this publication and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

Certain documents referenced in the publication may have been amended since the original date of publication. Users are advised to ensure that they are using the latest versions of such documents as appropriate, unless advised otherwise in this Reconfirmation Notice.

Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 6 July 2016.

The following are represented on Technical Committee TX-020:

Ag Research
Australian Wool Processors Council
AWTA Textile Testing
Council of Textile and Fashion Industries of Australia
Drycleaning Institute of Australia
National Association of Testing Authorities Australia
RMIT University
The Textile Institute

NOTES

Australian Standard[®]

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PREFACE

This Standard was prepared by the Standards Australia Committee on Testing of Textiles to supersede AS 1441.12—1973, *Methods of test for coated fabrics*, Method 12: *Method for determination of resistance to wear*.

In this edition four test specimens are assessed and revised sampling procedures are adopted.

The term ‘informative’ has been used in this Standard to define the application of the appendix to which it applies. An ‘informative’ appendix is only for information and guidance.

FOREWORD

This test method is intended for evaluating the resistance of coated fabrics to change in shade caused by flat abrasion.

The test produces in an accelerated manner, a localized colour change similar to that produced on coated fabrics, over relatively short periods of actual wear, where the coated fabric is exposed to relatively mild abrasive action.

As in most abrasion test methods, technicians frequently fail to get good agreement between results obtained on the same type of testing instrument both within and between laboratories, and the precision of these methods is uncertain.

METHOD

1 SCOPE This Standard sets out a method for the determination of the resistance to abrasion of coated textile fabrics using the oscillatory cylinder machine.

2 REFERENCED DOCUMENTS The following documents are referred to in this Standard:

AS	
1199	Sampling procedures and tables for inspection by attributes
1487	Abrasive grain size
2001	Methods of test for textiles
2001.1	Method 1: Conditioning procedures
2001.4.1	Method 4.1: Colourfastness tests—Definitions and general requirements
ASTM	
D 4157	Abrasion resistance of textile fabrics (oscillatory cylinder method)

FEDERAL SPECIFICATION

CCC-C-419 Cloth, duck, cotton, unbleached, plied-yarns army and numbered