

Australian Standard[®]

**Geotextiles—Identification, marking and
general data**



This Australian Standard® was prepared by Committee CE-020, Geosynthetics. It was approved on behalf of the Council of Standards Australia on 12 April 2012. This Standard was published on 30 April 2012.

The following are represented on Committee CE-020:

- Association of Consulting Engineers Australia
 - Austroads
 - Australian Industry Group
 - Australian Water Association
 - Australian Wool Testing Authority
 - Commerce Queensland
 - CSIRO
 - Department of Main Roads Queensland
 - International Geosynthetics Society
 - Monash University
 - Technical Textiles and Nonwovens Association
 - Waste Management Association of Australia
-

This Standard was issued in draft form for comment as DR AS 3705.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

Keeping Standards up-to-date

Australian Standards® are living documents that reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued.

Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments that may have been published since the Standard was published.

Detailed information about Australian Standards, drafts, amendments and new projects can be found by visiting www.standards.org.au

Standards Australia welcomes suggestions for improvements, and encourages readers to notify us immediately of any apparent inaccuracies or ambiguities. Contact us via email at mail@standards.org.au, or write to Standards Australia, GPO Box 476, Sydney, NSW 2001.

Australian Standard[®]

Geotextiles—Identification, marking and general data

First published as AS 3705—1990.
Third edition 2012.

COPYRIGHT

© Standards Australia Limited

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher, unless otherwise permitted under the Copyright Act 1968.

Published by SAI Global Limited under licence from Standards Australia Limited, GPO Box 476, Sydney, NSW 2001, Australia

ISBN 978 1 74342 081 2

PREFACE

This Standard was prepared by the Standards Australia Committee CE-020 Geosynthetics, to supersede AS 3705—2003.

The objective of this Standard is to bring the information that is required to be provided on rolls of, or data sheets for, geotextiles in line with current practice in the geosynthetics industry for use by manufacturers and specifiers of geotextiles.

Changes to the previous edition include the following:

- (i) Clause 4.3, marking on the product.
- (ii) Clause 5.2(c), introduction on minimum value at a confidence level at 90% on summary values on data sheets for geotextiles.

CONTENTS

	<i>Page</i>
1 SCOPE.....	4
2 REFERENCED DOCUMENTS	4
3 DEFINITIONS	4
4 MARKING ON ROLLS.....	4
5 INFORMATION ON DATA SHEETS	5

STANDARDS AUSTRALIA

Australian Standard**Geotextiles—Identification, marking and general data****1 SCOPE**

This Standard sets out the information required to be provided on rolls or data sheets for geotextiles.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

2001 Methods of test for textiles

2001.2.3.2 Method 2.3.2: Physical tests—Determination of maximum force using the grab method (ISO 13934-2:1999, MOD)

2450 Textiles—Natural and man-made fibres—Generic names

3704 Geotextiles—Glossary of terms

3706 Geotextiles—Methods of test (all parts)

ISO

3572 Textiles—Weaves—Definitions of general terms and weaves

3 DEFINITIONS

For the purpose of this Standard, the definitions given in AS 3704 apply.

4 MARKING ON ROLLS**4.1 On outside wrapping**

The following information shall be indelibly marked on the outside wrapping of each roll so that it is clearly visible before the roll is opened:

- (a) Trade identification, which shall include the following:
 - (i) Registered name, grade, or any other product identification.
 - (ii) Name of manufacturer and country of origin.
 - (iii) Manufacturing details (e.g. batch number and date).
- (b) Description of the roll as follows:
 - (i) Width, in metres.
 - (ii) Length, in metres.
 - (iii) Mass, in kilograms.
 - (iv) Whether the roll is seamed or joined and, if so, the width of the strips and method of joining.

4.2 Inside the core

The information listed in Clause 4.1(a) shall be marked inside the core so as to be visible when the roll is partly used.