



Questions &

■ on Oeko-Tex Standard 100

Answers



Feel great safely

Since 1992, the Oeko-Tex Standard 100 has become an international benchmark for safety all along the textile chain.

Today, over 6000 companies in the textile and clothing industry around the world are involved in the Oeko-Tex certification network.

With over 45,000 certificates issued for millions of textile products, the Oeko-Tex Standard 100 has become the leading label for textiles that have been screened for harmful substances.

The Oeko-Tex system assures that textiles which have been tested successfully and awarded a certificate are free of concentrations of harmful substances which are detrimental to health.

For a summary of the main purposes and aims of the Oeko-Tex Standard 100, please find below 16 frequently asked questions and our responses.

All kinds of documents, the latest list of criteria and extensive background information can be called up at www.oeko-tex.com. The Oeko-Tex member institutes in the various countries will be pleased to help you with any further questions.

1

What does the Oeko-Tex Standard 100 offer the consumer?



The Oeko-Tex Standard 100 is the world's leading label for textiles screened for harmful substances.

Products awarded this mark have been optimised for human ecology and tested and certificated by internationally recognised textile institutes. Textiles bearing this label are good for your well-being.

2

How can you recognise a genuine Oeko-Tex label?

By this sign!



Make sure that the test number is quoted and the test institute is named.

The test number can be used to trace the particular certification process which was carried out.

The Oeko-Tex label is a registered trademark, protected in international law by the Madrid Agreement.

3

What is the International Oeko-Tex Association?

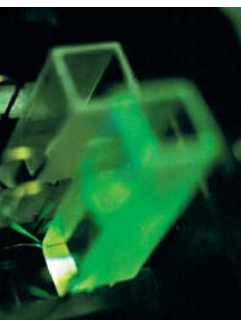
An association of 15 well-known textile, testing and research institutes in Europe and Japan. There are branches and representatives in more than 30 countries.



The member institutes of the Oeko-Tex Association are jointly responsible for the continuous development of the Oeko-Tex Standard 100. Technical expertise about textile production and scientific findings from chemistry, medicine and related areas of research all feed into the process.

4

What are the principles on which the test institutes of the International Oeko-Tex Association work?



At the start of the 90s the founding fathers – the Austrian Textile Research Institute in Vienna and the German Hohenstein Research Institute in Bönningheim – developed the concept of the Oeko-Tex Standard 100 and the list of criteria, based on existing test regulations relating to harmful substances. This list of criteria is jointly updated every year and adapted to comply with the latest requirements. In its entirety, it goes far beyond existing national legal regulations.

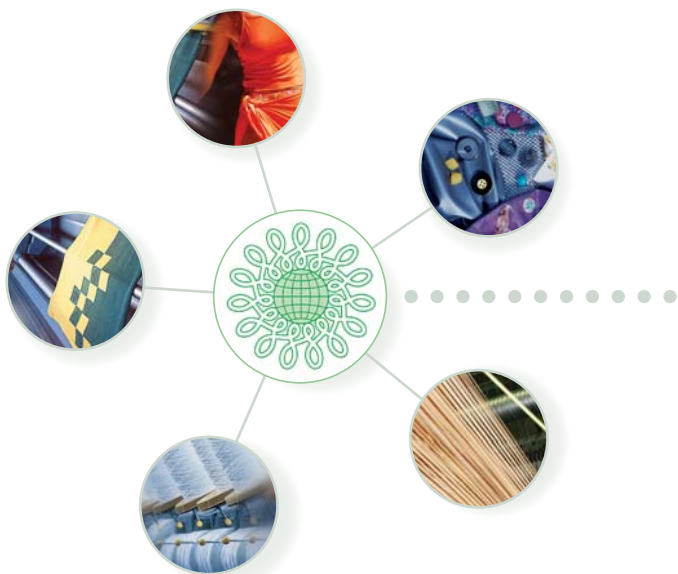
All of the test institutes around the world work according to the same set test methods and regulations.

5

What is the international role of the Oeko-Tex Standard 100?

Because of the differences that exist with regard to legal requirements and safety concepts in different countries, and the way work is spread internationally in the textile chain, a common safety standard for harmful substances is needed.

The requirements in the extensive list of criteria make the companies involved worldwide more sensitive to problematic harmful substances.



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What are the main features of the Oeko-Tex Standard 100?



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- Contracts consisting of an application with a declaration of commitment and conformity, and documentation for extension
 - List of criteria
 - Materials testing and test report
 - Issuing of certificates
 - Use of the label
 - Random testing

7

What requirements does the Oeko-Tex list of criteria have to meet?

The list of criteria contains over 100 test parameters to assure that the textiles are not harmful to health. It is mandatory for all authorised Oeko-Tex test institutes.

The criteria and limit values are often ahead of the field, i.e. they include not only legally banned or controlled substances but also other substances that have been scientifically assessed as harmful to health. There are also parameters which have a preventative role.



8

What are the test criteria for the Oeko-Tex Standard 100?

The Oeko-Tex Standard 100 excludes harmful substances or limits their use. The following parameters form part of the Oeko-Tex list of criteria:

- Specifically banned AZO dyes*
- Carcinogenic and allergy-inducing dyes
- Formaldehyde*
- Pesticides
- Chlorinated phenols
- Chloro-organic benzenes and toluenes
- Extractable heavy metals
- Colourfastness
- pH value
- Phthalates* in baby articles
- Organotin compounds (TBT and DBT)
- Emission of volatile components
- Odour
- Biologically active products and flame-retardant products are regulated separately

*In Europe these substances are legally controlled parameters for textile products

9

What is the significance of the four product classes under the Oeko-Tex Standard 100?



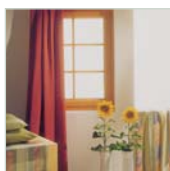
Product class I



Product class II



Product class III



Product class IV

When assigning products to one of the four product groups, a distinction is made according to the purpose of the textile: the greater the area of skin contact, the stricter the requirements.

Under the Oeko-Tex Standard 100, babies are thought to need particular protection. In Product class I, all baby articles are subject to the strictest criteria on account of the sensitivity of babies' skin. Any finishes containing formaldehyde are prohibited. The requirement for saliva-resistance means that dyes and prints should not bleed or stain when babies suck on them.

10

How is certification under the Oeko-Tex Standard 100 achieved?

Companies in the textile chain can have their products certified by submitting an application to an authorised test institute belonging to the International Oeko-Tex Association.



The extent of the testing is determined using selected representative samples or by presenting starting materials which have already been certificated under Oeko-Tex. Once testing has been successfully completed, and a declaration of conformity signed, the certificate can be issued. This certificate entitles the company to endorse the group of articles that has been certificated.

11

How long is a certificate valid for and what costs are entailed?

An Oeko-Tex certificate is valid for 12 months. The test number that is issued on first certification is used on the Oeko-Tex label and remains the same for as long as certification continues to be renewed.

The certificate can be renewed **only** by applying for a further 12 months, which necessitates another check on the materials being used.

The certification process entails, firstly, the cost of the actual testing, which can be calculated in advance in a cost estimate, and, secondly, the certification fee.



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How does the modular system of Oeko-Tex certification operate?



Products can be certificated at all stages of the textile value added chain. The producers of fibres, yarns and fabrics, textile finishers, garment manufacturers and suppliers of accessories all form a network. If products in the preliminary stages are accepted as certificated, the cost of testing at the next processing stage can be greatly reduced. This means costs are distributed between all production stages and unnecessary duplicate testing is avoided.

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What system of control is there under the Oeko-Tex Standard 100?

The authorised test institutes check at least 15% of all certificates issued each year.

The costs of these controls are financed by a part of the certification fee.

Products are tested which are bought from retailers in test purchases, or obtained from participating companies in unannounced random sampling. Products from the preliminary stages are tested using samples from the latest certification processes.



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When can a finished article be awarded the Oeko-Tex label?

Only if all components of the article have been tested and certified according to the requirements of the list of criteria for the same product class.



This includes outer fabric, padding, fillings and linings as well as accessories such as zips, buttons, straps, lace trim, sewing thread, foam filling etc.

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What needs to be ensured when awarding the Oeko-Tex label?

In order to be able to award a product the Oeko-Tex label, the company itself must enter into a contractual arrangement with the Oeko-Tex certification system and have its own certificate for that article.

Certificate numbers from the suppliers of its preliminary materials must not be used to endorse the finished article.

Having a separate certificate guarantees that the company not only works in accordance with the criteria for the Oeko-Tex Standard 100 in specific, job-related situations, but that this level of product safety has been consistently incorporated within its own quality control processes.



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Why do more than 6000 companies worldwide support the Oeko-Tex Standard 100?



Companies in the textile and clothing industry and the associated supply sector have an interest in producing fashionable, functional and easy-care textiles which at the same time are also optimised for human ecology.

Their ongoing commitment to the Oeko-Tex certification system has set exemplary safety standards for consumers in the textile chain.



Published by:

Oeko-Tex – International Association for Research and Testing
in the Field of Textile Ecology

Gotthardstrasse 61

Postfach 2156

CH-8027 Zurich

Concept:

Jutta Knels, German Oeko-Tex Certification Centre,
Eschborn

Text:

Jutta Knels, German Oeko-Tex Certification Centre,
Eschborn

Helmut Müller, Hohenstein Research Institute,
Bönnigheim

Layout:

Richtung 7 – Content und Media Services GmbH,
Ludwigsburg

Photos:

We would like to thank all companies that have provided
graphical materials for the layout of this publication.

Reproduction and printing:

Druckerei Brett, Besigheim

A	AUSTRIA ÖTI Österreichisches Textil- Forschungsinstitut Spengergasse 20 A-1050 Wien	Fon: +43 1 544 25 43 0 Fax: +43 1 544 25 43 10 Mail: office@oeti.at www.oeti.at
B	BELGIUM Centexbel Technologiepark 7 B-9052 Zwijnaarde	Fon: +32 9 220 41 51 Fax: +32 9 220 49 55 Mail: gent@centexbel.be www.centexbel.be
BD	BANGLADESH Hohenstein Institutes Bangladesh House no. 343, Road no. 25 New DOHS, Mohakhali, 1206 Dhaka	Fon: +880 2 885 07 60 Fax: +880 2 882 90 96 Mail: bangladesh@hohenstein.org www.hohenstein.de
BR	BRAZIL CITEVE Brasil Prestação de Serviços Lda. Av. Nossa Senhora de Fátima 7-35-S21, CEP 17017-040 Bauru/S. Paulo	Fon: +55 14 3227 1866 Fax: +55 14 3227 1866 Mail: oeko-tex@br.citeve.com
CH	SWITZERLAND TESTEX® Schweizer Textilprüfinstitut Gotthardstrasse 61, Postfach 2156 CH-8027 Zürich	Fon: +41 44 206 4242 Fax: +41 44 206 4230 Mail: zuerich@testex.com www.testex.com
	Öko-Tex Association Secretary Gotthardstrasse 61, Postfach 2156 CH-8027 Zürich	Fon: +41 44 206 4235 Fax: +41 44 206 4251 Mail: info@oeko-tex.com www.oeko-tex.com
CN	CHINA / SHANGHAI TESTEX® Swiss Textile-Testing Ltd. Rm 1401, 14/F Hitech Plaza 831 Changshou Road CN-200 042 Shanghai	Fon: +86 21 5298 7633 Fax: +86 21 5298 7632 Mail: shanghai@testex.com www.testex.com
	CHINA / BEIJING TESTEX® Swiss Textile-Testing Ltd. Room 608A, Jingtai Building Bing No. 24, Jianguomen Wai Street Chaoyang District, CN-100 022 Beijing	Fon: +86 10 6515 6516 Fax: +86 10 6515 8726 Mail: beijing@testex.com www.testex.com
D	GERMANY Forschungsinstitut Hohenstein Schloss Hohenstein D-74357 Bönnigheim	Fon: +49 7143 271-0 Fax: +49 7143 271-8741 Mail: oekotex@hohenstein.de www.hohenstein.de
	Deutsche Zertifizierungsstelle Öko-Tex GmbH Postfach 5340 D-65728 Eschborn	Fon: +49 6196 966-230 Fax: +49 6196 966-226 Mail: zert.de@oeko-tex.com www.oeko-tex.com
DK	DENMARK DTI Tekstil, Teknologisk Institut Gregersensvej DK-2630 Taastrup	Fon: +45 72 20 21 20 Fax: +45 72 20 23 30 Mail: textile@teknologisk.dk www.teknologisk.dk
E	SPAIN AITEX, Instituto Tecnológico Textil Plaza Emilio Sala 1 E-03801 Alcoy	Fon: +34 96 554 22 00 Fax: +34 96 554 34 94 Mail: info@aitex.es www.aitex.es
F	FRANCE IFTH, Insitut Français Textile- Habillement Avenue Guy de Collongue F-69134 Ecully Cédex	Fon: +33 472 86 16 00 Fax: +33 478 43 39 66 Mail: lyon@ifth.org www.ifth.org
	Association pour la Promotion de l'Assurance Qualité dans la Filière Textile-Habillement (ASQUAL) 14, rue de Reclettes, F-75013 Paris	Fon: +33 1 44 08 19 00 Fax: +33 1 44 08 19 39
FIN	FINLAND IFP Research Oy Sinitaival 6 33720 Tampere	Fon: +358 3 316 5354 Fax: +358 3 316 5351 www.ifp.se
GB	GREAT BRITAIN BTTG Unit 12, Westpoint Enterprise Park Clarence Avenue, Trafford Park M17 1QS Manchester	Fon: +44 161 869 16 10 Fax: +44 161 872 64 92 Mail: info@shirleytech.co.uk www.bttg.co.uk
GR	GREECE CLOTEFI, ETAKEI 4, El Venizelou str. GR-17676 Athens	Fon: +30 210 923 49 32 Fax: +30 210 923 56 03 Mail: clotefi@etakei.gr www.etakei.gr

H	HUNGARY INNOVATEX Textile Engineering and Testing Institute Co. Gyömrői út 86 H-1103 Budapest	Fon: +36 1 260 18 09 Fax: +36 1 261 52 60 Mail: textile@innovatext.hu www.innovatext.hu
HK	HONGKONG TESTEX® Swiss Textile-Testing Ltd. 11/F, Unit 1102 B, Mirror Tower 61 Mody Road Tsim Sha Tsui East, Kowloon	Fon: +852 2 368 1718 Fax: +852 2 369 5527 Mail: hongkong@testex.com www.testex.com
I	ITALY Centro Tessile Cotoniero e Abbigliamento S.p.A. P.za Sant'Anna 2 I-21052 Busto Arsizio VA	Fon: +39 0331 69 67 11 Fax: +39 0331 68 00 56 Mail: oeko-tex@centrocot.it www.centrocot.it
J	JAPAN NISENKEN Japan Dyer's Inspection Institute Foundation 4-2-8, Tateishi, Katsushika-ku J-124-0012 Tokyo	Fon: +81 3 56 70 36 04 Fax: +81 3 56 70 37 51 Mail: n-senken-c@hi-ho.ne.jp www.hi-ho.ne.jp/n-senken/
MA	MOROCCO AITEX, Morocco 353, Angle Mohamed V et la Resistance 4 ^{ème} Etage N° 4 Casablanca	Fon: +212 22 40 45 19 Fax: +212 22 40 45 20 Mail: hfourari@aitex.es www.aitex.es
MEX	MEXICO Hohenstein Institutes Mexico Pedro de Alba No. 268 Col. Villa de Cortés MEX-03531 Mexico, D.F.	Fon: +52 55 56 96 57 48 Mail: mexico@hohenstein.org www.hohenstein.de
P	PORTUGAL Citeve Centro Tecnológico das Indústrias Têxtil e do Vestuário de Portugal Quinta da Maia – Rua Fernando Mesquita, 2785 P-4760-034 Vila Nova de Famalicão	Fon: +351-252-300 300 Fax: +351-252-300 333 Mail: citeve@citeve.pt www.citeve.pt
PE	PERU Instituto Textil Hohenstein Av. Pedro Conde 240 Lince, Lima	Fon: +51 73 33 27 55 Fax: +51 73 33 27 55 Mail: peru@hohenstein.org www.hohenstein.de
PK	PAKISTAN AITEX PAKISTAN Office No. 915, 9th Floor, Park Avenue Shahra-e-Faisal, Block 6, P.E.C.H.S. 75400 Karachi	Fon: +92 21 4544 475 Fax: +92 21 4551 439 Mail: rhussain@aitex.es www.aitex.es
RC	TAIWAN TESTEX® Swiss Textile-Testing Ltd 8F, No. 689, Sec. 5, Zhongxiao E. Rd. Xin-Yi District, Taipei 110	Fon: +886 2 8785 8828 Fax: +886 2 8785 8829 Mail: taipei@testex.com www.testex.com
ROK	KOREA TESTEX® Swiss Textile-Testing Ltd. Rm # 1402, LG Twintel, 157-8, Samsung-dong, Kangnam-Ku, Seoul	Fon: +82 2 563 6388 Fax: +82 2 563 2669 Mail: seoul@testex.com www.testex.com
SE	SWEDEN IFP Research AB Argongatan 30, Box 104 SE-43122 Mölndal	Fon: +46 31 706 63 00 Fax: +46 31 706 63 63 Mail: info@ifp.se www.ifp.se
TR	TURKEY Hohenstein Ekoteks Tekstil Analiz ve Kontrol Hizmetleri Ltd. Mahmut Sevket Pasa, Mah. Kurucay Cad. Eren Sok. No. 5 TR-34384 Okmeydani-Istanbul	Fon: +90 212 238 01 40 Fax: +90 212 238 01 41 Mail: turkey@hohenstein.org www.hohenstein.de
USA	UNITED STATES Hohenstein Institutes, Textile Testing Services 9016 Oak Branch Drive NC 27539 Apex	Fon: +1 919 363 5062 Fax: +1 919 387 8326 Mail: usa@hohenstein.org www.hohenstein.de
VN	VIETNAM Hohenstein Institutes Vietnam V-Tower Unit, 208 649 Kim Ma Street Ba Dinh District, Hanoi	Fon: +84 4 766 3562 Fax: +84 4 766 3563 Mail: vietnam@hohenstein.org www.hohenstein.de



■ -----

BTTG

Unit 12, Westpoint Enterprise Park
Clarence Avenue, Trafford Park
M17 1QS Manchester

Fon: +44 161 869 16 10

Fax: +44 161 872 64 92

Mail: info@shirleytech.co.uk

Internet: www.bttg.co.uk