



Report VN735 128509.4 Test Report

Applicant

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Reference

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Application

Determination of abrasion resistance according to EN ISO 12947-2.

Test material

„A2943 - A2949 + A2950 - A2956“

Material used in testing was anonymized for laboratory purposes. A detailed sample list is contained in the report.

Issuing and Signatures

Number of pages contained: 5

Original Issue / Vienna 15.05.2017 / AA / 188

Translation

Authorised for Institute
Ing. Hannes Vittek

A handwritten signature in blue ink, reading "i.v. Zauböck", written over a horizontal dotted line.

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1 Order

1.1 Chronology

Date	Received	Order
04.04.2017	06.04.2017	Determination of abrasion resistance according to EN ISO 12947-2.

1.2 Samples

Nr.	Received	Sample Identification
1	06.04.2017	„A2943-A2949+A2950-A2956“

(Unless otherwise stated samples are provided by the customer.)

1.3 Information given by the Applicant

The articles "A2943 - A2949 + A2950 - A2956" are each fabrics with the same construction, solely in different designs.

2 Findings / Tests performed

2.1 Description of the specimen

Description of the specimen according to DIN 60 000

Test results

Tested sample: 1

Type of fibre according to the applicant	70% Wool 25% Polyamide 5% Antistatic fibers
Technological description	Fabric quilted with foam and nonwoven

2.2 Abrasion Test by the Martindale Method - Determination of specimen breakdown

Test conditions

According to: EN ISO 12947 part 2 / EN 14465 Annex A

Used abrasion material: Abrasion fabric according to EN ISO 12 947 part 1

Abrasion load: 795g (corresponds 12 kPa)

Underlay: without PU-foam

Preparation of the specimen: none

Test results

Tested sample: 3

	Number of abrasion-turns	
	when breakdown of the specimen is occurred	up to breakdown of the specimen is not occurred
Sample 1	> 100 000	100 000
Sample 2	> 100 000	100 000
Sample 3	> 100 000	100 000
Sample 4	> 100 000	100 000
Mean value	> 100 000	100 000

Explanation: The breakdown of a woven fabric according to EN 14465 Annex A is occurred if three individual threads are destroyed.

3 Remarks

Validity

There are no regulations concerning duration of validity in the individual test standards. As the results of the examinations refer only to the submitted and examined samples, the report is valid for these for an unlimited period. A period of validity specified as part of an expert evaluation is in the discretion of the consultant or the ÖTI.

The applicability of results and expert evaluations for materials not tested is in the responsibility of the applicant. Whereby an apportionment of results as well as any specified period of validity can only be done for identically constructed products and only as long as the product produced unchanged.

Possible national or international restrictions concerning the terms of usability of test and classification reports have to be considered; this is not the responsibility of the test laboratory.

Sample Material

Results of performed tests only refer to the sample material provided.

Without explicit written other agreement testing is destructive and the sample material is transferred to the property of ÖTI, which is entitled to freely decide on storage and disposal.

Issuance

The valid first issue is done in paper and has single-handed signatures. For reference purposes and filing an unsigned electronic duplicate can be delivered in pdf format. Duplicates and translations will be marked accordingly on the cover sheet.

Quality management, Accreditation and Notification

The results are from report 128509.1 dated 08.05.2017

All tests and services are performed under a quality management system according to EN ISO/IEC 17025 respectively EN ISO/IEC 17065.

The ÖTI is accredited as Testing Laboratory and Certification Body for products. It also is a Notified Body for several directives with the registration number 0534 (see <http://ec.europa.eu/enterprise/newapproach/nando/>). Accreditation as Testing Laboratory was provided by Akkreditierung Austria (bmfwf). The scope of accreditation is listed on www.bmfwf.gv.at/akkreditierung.

According to the decree on the use of the accreditation mark ("AkkZV") the accreditation mark is only to be used by the accredited Conformity Assessment Body.

Application of the registration number of the Notified Body: As to personal protective equipment (PPE) the requirements of PSA-SV § 10, BGBl. Nr. 596/1994 as amended and article 13 of the Directive 89/686/EEC have to be kept. With construction products the application is only permitted within the declaration of performance for CE-marking.

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End of report