



Test
TS EN ISO/IEC 17025
AB-0342-T

AB-0342-T

144433718a

04/26

Test Report

GABRIEL A/S

Hjulgagervej, Aalborg DK-9000, Denmark

Report No. 144433718a
Buyer /
Test Item. : 2619/2620 col.1102
Lot No. : /
Manufacturer : /
Fiber Content. : /
Colour Name. : /
Article No. : /
End Use. : /
Test Scope. : Customer selected parameters.
Revision Remark : Revised of test report 144433718 dated 02.04.2026, Abrasion Resistance test results have been removed upon client's request. The preceding test report is no longer valid.

Applicant's Provided Care Instruction/Label: -

Sample Receiving date: 2026-03-16 p.m. (Information rec. date:2026-03-30)

Testing Period: 2026-03-30 to 2026-04-02

Report Date: 2026-04-07

Test Result: No Comment

TÜV Rheinland Uluslararası Standartlar Sertifikasyon ve Denetim A.Ş accredited by TÜRKAK under registration number AB-0342-T for ISO/IEC 17025-2017 as test laboratory

The Turkish Accreditation Agency (TÜRKAK) is signatory to the multilateral agreements of the European co-operation for the Accreditation (EA) and of the International Laboratory Accreditation (ILAC) for the Mutual recognition of the test reports.

The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following, pages which are part of this report

For and on behalf of
TÜV Rheinland Uluslararası Standartlar Sertifikasyon ve Denetim A.Ş

Elif Kocasalli / CR Assistant
Project Manager

Abdullah Akil / Physical
Laboratory Manager

TÜV Rheinland Uluslararası Standartlar Sertifikasyon ve Denetim A.Ş.

Kozyatagi Mah. Saniye Ermutlu Sok. No:12
Colakoglu Plaza B Blok 34742 Kadikoy Istanbul,
Tel. +902166653200, Fax +902166653299, e-mail: info@tr.tuv.com

*The results given in this report belong to the received sample by vendor.
This test report shall not be reproduced other than in full except with the permission of the laboratory. Testing reports without signature and seal are not valid.
This test report is signed by digital signature.
TÜV Rheinland testing laboratories apply the Zero Guard band rule for statement of conformity evaluation, unless other decision rule is required by the customer.*

AB-0342-T
144433718a
04/26

Test Result Summary :

Test Specification:

- 1 Pilling Resistance - Modified Martindale Method
- 2 Tensile Strength - Strip Test
- 3 Tearing Strength - Elmendorf Method
- 4 Colour Fastness To Drycleaning
- 5 Colour Fastness To Perspiration
- 6 Colour Fastness To Rubbing
- 7 Dimensional Change After Commercial Drycleaning
- 8 Colour Fastness To Water
- 9 Stretch And Recovery#

Test result:

NO COMMENT
NO COMMENT
NO COMMENT
NO COMMENT
NO COMMENT
NO COMMENT
NO COMMENT
NO COMMENT
NO COMMENT

AB-0342-T
144433718a
04/26

1. Photo



2. List of Materials

Material List:

Material No.	Material	Color	Location
M001	Textile	Grey	Woven base (2619/2620 col.1102)

AB-0342-T
144433718a
04/26

1.Pilling Resistance - Modified Martindale Method

Test method : Pilling Resistance - Modified Martindale Method (BS/DIN/EN/ISO 12945-2:2020)

415g 2.000 rubs

	<u>Pilling</u>	<u>M001 Fuzzing</u>	<u>Matting</u>	<u>Requirement</u>
After 2000 revs				-
Test specimen 1	4-5	4-5	4-5	-
Test specimen 2	4-5	4-5	4-5	-
Test specimen 3	4-5	4-5	4-5	-
Average	4-5	4-5	4-5	-

415g 5.000 rubs

	<u>Pilling</u>	<u>M001 Fuzzing</u>	<u>Matting</u>	<u>Requirement</u>
After 5000 revs				-
Test specimen 1	4-5	4-5	4-5	-
Test specimen 2	4-5	4-5	4-5	-
Test specimen 3	4-5	4-5	4-5	-
Average	4-5	4-5	4-5	-

Remark : NA=Not Applicable

AB-0342-T
144433718a
04/26

2.Tensile Strength - Strip Test

Test method : Tensile Strength - Strip Test (BS/DIN/EN/ISO 13934-1:2013)

	<u>M001</u>	<u>Requirement</u>
<u>Breaking force</u>		-
Warp	460.4 N	-
Weft	1383.0 N	-

AB-0342-T
144433718a
04/26

3.Tearing Strength - Elmendorf Method

Test method : Tearing Strength - Elmendorf Method (BS/DIN/EN/ISO 13937-1:2000)

	<u>M001</u>	<u>Requirement</u>
Warp	>62.8 N	-
Weft	>62.8 N	-

AB-0342-T
144433718a
04/26

4.Colour Fastness To Drycleaning

Test method : Colour Fastness To Drycleaning (BS/DIN/EN/ISO 105-D01:2010)

	<u>M001</u>	<u>Requirement</u>
Colour change	4-5	-
Colour staining		
- Acetate	5	-
- Cotton	5	-
- Polyamide	5	-
- Polyester	5	-
- Acrylic	5	-
- Wool	5	-

AB-0342-T
144433718a
04/26

5.Colour Fastness To Perspiration

Test method : Colour Fastness To Perspiration (BS/DIN/EN/ISO 105-E04:2013)

	<u>M001</u>		<u>Requirement</u>
	<u>Acid</u>	<u>Alkaline</u>	
Colour change	4-5	4-5	-
Colour staining			
- Acetate	5	5	-
- Cotton	5	5	-
- Polyamide	5	5	-
- Polyester	5	5	-
- Acrylic	5	5	-
- Wool	5	5	-

Products

AB-0342-T
144433718a
04/26

6.Colour Fastness To Rubbing

Test method : Colour Fastness To Rubbing, Dry, Wet (BS/DIN/EN/ISO 105-X12:2016)

	<u>M001</u>	<u>Requirement</u>
<u>Dry</u>	4-5	-
<u>Wet</u>	4-5	-

Products

AB-0342-T
144433718a
04/26

7. Dimensional Change After Commercial Drycleaning

Test method : In-house Method

Test condition : Commercial drycleaning with perchloroethylene

	<u>M001</u>	<u>Requirement</u>
<u>After one dryclean</u>		
Warp / Length	0.0%	-
Weft / Width	0.0%	-

Remark : (+) = Extension
(-) = Shrinkage

AB-0342-T
144433718a
04/26

8.Colour Fastness To Water

Test method : Colour Fastness To Water (BS/DIN/EN/ISO 105-E01:2013)

	<u>M001</u>	<u>Requirement</u>
Colour change	4-5	-
Colour staining		-
- Acetate	5	-
- Cotton	5	-
- Polyamide	5	-
- Polyester	5	-
- Acrylic	5	-
- Wool	5	-

AB-0342-T
144433718a
04/26

9.Stretch And Recovery#

Test method : BS EN ISO 20932-1

Test condition : Woven 27.5 N

	M001	Requirement	Comment	
<u>Extension at N at 5 cycles</u>				
Lengthwise (%)	3.957 %		No Comment	
Widthwise (%)	1.572 %			
<u>Un-recovered elongation after 1min relaxation</u>				
Lengthwise (%)	0.1 %			
Widthwise (%)	0.1 %			
<u>Un-recovered elongation after 30min relaxation</u>				
Lengthwise (%)	0.0 %			
Widthwise (%)	0.0 %			
<u>Recovered elongation after 1min relaxation</u>				
Lengthwise (%)	99.9 %			
Widthwise (%)	99.9 %			
<u>Recovered elongation after 30min relaxation</u>				
Lengthwise (%)	100.0 %			
Widthwise (%)	100.0 %			

Remark : # This test is not covered by TURKAK accreditation.

- END -