



**CENTRO TESSILE
COTONIERO e
ABBIGLIAMENTO S.p.A.**

**TEST REPORT
051863.E**

**TR
Page n.1 of 10**

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LABORATORIO

fax:
0331-216161

Customer

**COMEC ITALIA S.r.l.
P.le Del Lavoro 149
21044 CAVARIA VA**

Sample/s receiving date **11th January 2005**
Request receiving date **11th January 2005**

Products and identification

- N. 9 samples of fabric with printed labels:
- sample 1: polyester microfibre
- sample 2: pure wool
- sample 3: popeline pure cotton white colour
- sample 4: microfibre 95% polyester 5% spandex black colour
- sample 5: pure cotton knitted fabric black colour
- sample 6: popeline pure cotton blue colour
- sample 7: wool/cotton/elastomere black colour
- sample 8: polyester green colour
- sample 9: white colour

**English translation of our Test Report nr. 050089 of 11th March 2005
Sampling prepared by customer**

This Test Report is composed by the following results.

Code	Test	Page
E35155.6	Washing and drying procedure (washing at 40°C - procedure 6A)	2

The results contained in this report only refer to the tested manufacts.
A partial reproduction of this report must be authorized in writing by the Laboratory

Issue Date 8th April 2005	Approved by Area Technical Manager Silvia Olivieri
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5.2.16.0 WASHING AND DRYING PROCEDURE (WASHING AT 40 °C - PROCEDURE 6A)

Test began on	19.01.2005
Test ended on	28.02.2005
Modality	MIP 274/04 Rev. 0
Standard	Wascator FOM 71-MP-LAB (Type A1)
Apparatus	ECE
Detergent	7 per sample
Number of tested specimens	10 (sample 2)
Number of cycles	20 (samples 3, 4, 8, 7, 8, and 9)
Procedure	50 (samples 1 and 5)
Mass of specimens and loading fabrics	6A
Agitation during heating washing and rinsing	2 kg
Temperature	normal
Spin time	40±3 °C
Drying procedure	2 min
	C (flat dry)

Results - sample 1

Evaluation of printing appearance after 5 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 5 of grey scale.

Evaluation of printing appearance after 10 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 5 of grey scale.

Evaluation of printing appearance after 12 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 5 of grey scale.

Evaluation of printing appearance after 14 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 5 of grey scale.

Evaluation of printing appearance after 16 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 5 of grey scale.



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Evaluation of printing appearance after 18 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.

The colour change of printing corresponds to grade 5 of grey scale.

Evaluation of printing appearance after 20 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.

The colour change of printing corresponds to grade 5 of grey scale.

Evaluation of printing appearance after 30 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.

The colour change of printing corresponds to grade 5 of grey scale.

Evaluation of printing appearance after 40 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.

The colour change of printing corresponds to grade 5 of grey scale.

Evaluation of printing appearance after 50 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.

The colour change of printing corresponds to grade 5 of grey scale.

Results - sample 2

Evaluation of printing appearance after 5 washing procedures

It occurs a felting of the fabric which makes difficult the evaluation of printing appearance.

The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 10 washing procedures

It occurs a further felting of the fabric which makes difficult the evaluation of printing appearance.

The colour change of printing corresponds to grade 4 of grey scale.

Note: due to felting of the fabric washing procedures have been stopped.



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Results - sample 3

Evaluation of printing appearance after 5 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 5 of grey scale.

Evaluation of printing appearance after 10 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 5 of grey scale.

Evaluation of printing appearance after 12 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 5 of grey scale.

Evaluation of printing appearance after 14 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 5 of grey scale.

Evaluation of printing appearance after 16 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 5 of grey scale.

Evaluation of printing appearance after 18 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 20 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4-5 of grey scale.



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Results - sample 4

Evaluation of printing appearance after 5 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 10 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 12 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 14 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 16 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4 of grey scale.

Evaluation of printing appearance after 18 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4 of grey scale.

Evaluation of printing appearance after 20 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4 of grey scale.



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Results sample 5

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Evaluation of printing appearance after 5 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 5 of grey scale.

Evaluation of printing appearance after 10 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 5 of grey scale.

Evaluation of printing appearance after 12 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 14 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 16 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 18 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 20 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 30 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4-5 of grey scale.



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Evaluation of printing appearance after 40 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 50 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4-5 of grey scale.

Results - sample 6

Evaluation of printing appearance after 5 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 10 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 12 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 14 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 16 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 18 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4-5 of grey scale.



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Evaluation of printing appearance after 20 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4 of grey scale.

Results - sample 7

Evaluation of printing appearance after 5 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 10 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 12 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 14 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 16 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 18 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 20 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4-5 of grey scale.



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Results - sample 8

Evaluation of printing appearance after 5 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.

The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 10 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.

The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 12 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.

The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 14 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.

The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 16 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.

The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 18 washing procedures

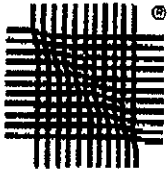
After treatment the sample doesn't exhibit any alteration of printing.

The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 20 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.

The colour change of printing corresponds to grade 4-5 of grey scale.



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Legend Sample 9

Evaluation of printing appearance after 5 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 10 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4-5 of grey scale.

Evaluation of printing appearance after 12 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
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Evaluation of printing appearance after 14 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4 of grey scale.

Evaluation of printing appearance after 16 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4 of grey scale.

Evaluation of printing appearance after 18 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4 of grey scale.

Evaluation of printing appearance after 20 washing procedures

After treatment the sample doesn't exhibit any alteration of printing.
The colour change of printing corresponds to grade 4 of grey scale.

Note:

Assessment carried out by comparison with grey scales according to ISO 105-A02/96
Grade 5: No change in colour
Grade 1: Strong change in colour

End of Test Report