

**TEST REPORT N° 19/28576**

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Mod.018 Rev. 2 del 12.10.2015

<b>WEB Request Number</b>	
<b>Receipt Number</b>	<b>19/27910</b>
<b>Receipt date</b>	<b>24/05/19</b>
<b>Test beginning date</b>	<b>28/05/19</b>
<b>Test end date</b>	<b>29/05/19</b>
<b>Document issued on</b>	<b>29/05/19</b>

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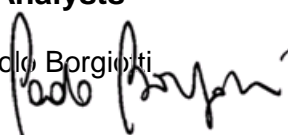
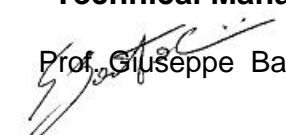
**SAMPLE IDENTIFICATION:**

**A TESSUTO ART. JET**

**THIS DOCUMENT CONTAINS THE FOLLOWING TESTS:**

<b>Code</b>	<b>Test</b>	<b>Test Method</b>
TT0420	Abrasion Resistance of Fabrics - Martindale Machine Method - Deterioration of the fabric	UNI EN ISO 12947-2:2017

Tests results refer only to tested samples submitted by the customer.  
On each page there is the Institute dry stamp.  
Tested samples are available for 3 months.

<p><b>The Analysts</b></p> <p>Prof. Paolo Borgioffi</p> 	<p><b>Technical Manager</b></p> <p>Prof. Giuseppe Bartolini</p> 
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Private document. It is not allowed to publish and spread it without lab's written authorization.

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Beginning of Test Report

TT0420	<b>Abrasion Resistance of Fabrics - Martindale Machine Method - Deterioration of the fabric</b>
<i>Test methods</i>	<b>UNI EN ISO 12947-2:2017</b>

Rev.01 del 03/09/03

<i>Test environment</i>	Samples acclimatized for 24 hours. Normal atmosphere (Temperature: 20°C; Relative Humidity: 65%) for acclimatisation and testing conditions: UNI EN ISO 139 : 11.
<i>Testing equipment</i>	Martindale Abrasion Tester - James H.Heal & Co. LTD. Gray scale UNI EN 20105 A02 : 96
<i>Testing date</i>	29/05/2019

**Test Results :**

<b>Sample identification:</b>	<b>TESSUTO ART. JET</b>
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<i>Pre-treatment</i>	<i>Untreated</i>
<i>Pressure</i>	<i>12 kPa</i>

**The test was interrupted without reaching the deterioration.**

<i>Average Abrasion</i>	<b>65.000 rubs</b>
<i>Colour change</i>	<b>3 / 4 ISO 105-A02</b>
<i>Final Degradation</i>	<b>Moderate</b>

<i>Degradation Hystory</i>				
<i>Rubs</i>	<i>Damage</i>	<i>Effect</i>	<i>Degradation</i>	<i>Colour change ISO 105-A02</i>
10.000	Colour change	Colour	Light	4/5
30.000	Colour change	Colour	Moderate	4
65.000	Colour change	Colour	Moderate	3/4

*NB. The results reported in the tables above refer to a test analysis of the samples submitted.*

End of Test Report.