

**TEST REPORT N° 18/50785**
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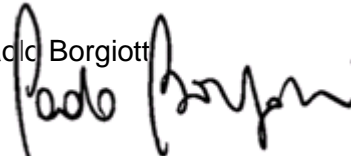

Mod.018 Rev. 2 del 12.10.2015

<b>WEB Request Number</b>	
<b>Receipt Number</b>	<b>18/50276</b>
<b>Receipt date</b>	<b>26/11/18</b>
<b>Test beginning date</b>	<b>28/11/18</b>
<b>Test end date</b>	<b>29/11/18</b>
<b>Document issued on</b>	<b>29/11/18</b>

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**SAMPLE IDENTIFICATION:**
**A TESSUTO ART. BONDAI**
**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.

<b>The Analysts</b> Prof. Paolo Borgiotti 	<b>Technical Manager</b> Prof. Giuseppe Bartolini 
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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>	29/11/2018

**Test Results :**

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

**Reached the deterioration (end point).**

<i>Average Abrasion</i>	<b>150.000 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>
15.000			None	5
40.000	Damage		Light	5
90.000	Pilling		Moderate	4
150.000	Pilling		Distinct	3/4

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

End of Test Report.