



**PGI Nonwovens B.V.**

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The Netherlands

our reference                      date  
MC\_cert13039\_R12047B      16 December 2013

## Certification report

### 1. Description of the tested article:

Quality name:            Super Twill  
Description:              New and after washing 25 times at 95°C

### 2. Executed test:

**ISO 20743-1: 2007: Textiles – Determination of antibacterial activity of antibacterial finished products – Part 1: Absorption method.**

Detailed results can be found in: Analysis report Nr. 12047/B of 17 April 2012

### 3. Results:

<i>Bacterial strain</i>	<i>Antibacterial activity A after 18 hours compared to the internal 100% cotton reference</i>	
	<i>Super Twill - New</i>	<i>Super Twill - Washed</i>
<i>Staphylococcus aureus</i>	<i>1.9*</i>	<i>2.2</i>
<i>Escherichia coli</i>	<i>8.2</i>	<i>6.5</i>

\* Should be higher (value underestimated due to an abnormal “0” contact time”).

### 4. Conclusion:

The new Super Twill and the Super Twill washed 25 times at 95°C show an antibacterial activity against both *Staphylococcus aureus* and *Escherichia coli* when compared to an internal 100% cotton reference.

Ing. Mark Croes

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