



### Technical Services Test Report - Wyzenbeek Abrasion

Date of receipt: 2017-02-09

Sample ID: Givens

Sample condition: Good

Customer: Integra Fabrics

Test Performed: ASTM D4157-13 Abrasion Resistance of Textile Fabrics (Oscillatory Cylinder Method)

Set up: 3 lbf Pressure  
4 lbf Tension

End point: Unless otherwise noted, para. 12.3.1 Option 1: two or more yarn breaks.

Requested: Wire NA Double Rubs  
Cotton 100 000 Double Rubs

**Test Results:**

**#10 Cotton Duck (ACT compliant) per para. 6.2.1**

Warp 1 (double rubs)	Fill 1 (double rubs)	Fill 2 (double rubs)	Warp 2 (double rubs)
Specimen passed at: <u>100 000</u>	Specimen passed at: <u>100 000</u>	Specimen passed at: <u>100 000</u>	Specimen passed at: <u>100 000</u>
Specimen failed at: _____	Specimen failed at: _____	Specimen failed at: _____	Specimen failed at: _____
Specimen run to: _____	Specimen run to: _____	Specimen run to: _____	Specimen run to: _____

**Wire Screen per para. 6.2.2**

Warp 1 (double rubs)	Fill 1 (double rubs)	Fill 2 (double rubs)	Warp 2 (double rubs)
Specimen passed at: <u>NA</u>	Specimen passed at: <u>NA</u>	Specimen passed at: <u>NA</u>	Specimen passed at: <u>NA</u>
Specimen failed at: <u>NA</u>	Specimen failed at: <u>NA</u>	Specimen failed at: <u>NA</u>	Specimen failed at: <u>NA</u>
Specimen run to: <u>NA</u>	Specimen run to: <u>NA</u>	Specimen run to: <u>NA</u>	Specimen run to: <u>NA</u>

Based on the above results, the sample Pass 100 000 DR test requirements.

NOTES: This data relates only to the items tested, and does not constitute a product specification.  
This report shall not be reproduced, except in full, without written permission from the laboratory.  
Full disclosure of test data is available in this packet or upon request.

Testing deviations: None

Lab comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Test Reviewed and Reported by:**

*Caroline Busque*

**Caroline Busque**

Responsible for the new textile laboratory of Saint-Georges