

TECHNICAL REPORT



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Our Ref: **TFTXF59857D**

Date: 11 December 2015

Delivery Date: 10 April 2015

Test Dates: 15 July – 24 September 2015

For the attention of Ms Malgorzata Kawka

SAMPLE(S) FOR TEST:

One, Blue artificial leather – Ref: CHIEFTAIN

Note: The above descriptions are as supplied by the client and have not been verified by FIRA who can take no responsibility for the accuracy of the description.

TEST REQUIREMENTS:

Accelerated-ageing test – ISO 1419:1995*

*Test subcontracted to another testing laboratory

RESULT:

5 weeks

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DESCRIPTION

Item: One, Blue artificial leather – Ref: CHIEFTAIN

Initial Inspection: Condition as new

TEST RESULTS

ISO 1419:1995 - RUBBER- OR PLASTICS-COATED FABRICS - ACCELERATED-AGEING TESTS

INTRODUCTION

A sample of blue PVC coated material was tested to ISO 1419 Method C. This standard assesses the resistance of fabrics to deterioration by accelerated ageing. Method C is used when fabrics are likely to be exposed to very high humidity in combination with relatively high temperature service conditions. This test is not appropriate where materials will be continuously immersed in water during use.

EXPERIMENTAL

Test pieces were cut from the sample material.

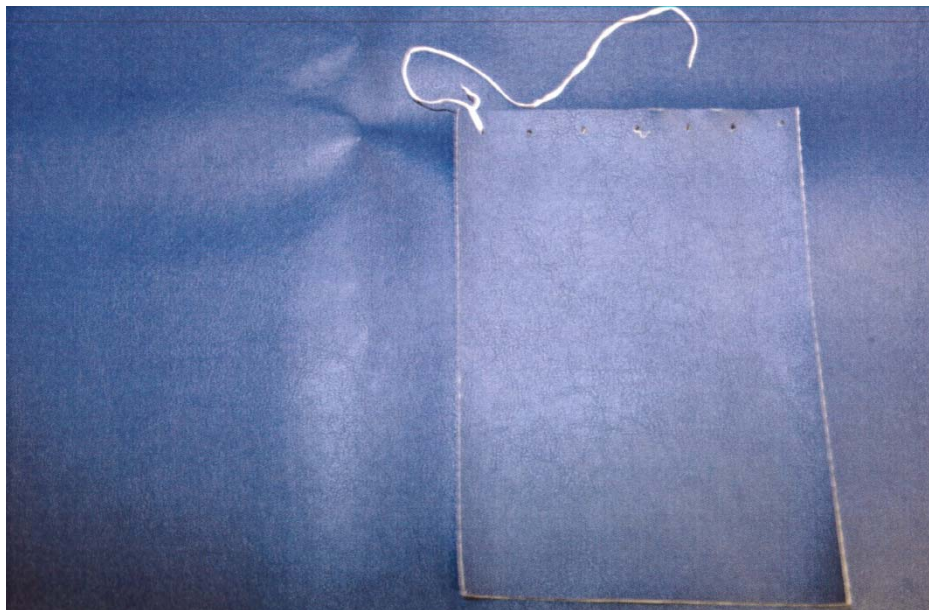
Test pieces were suspended in a humidity cabinet so that they were exposed to free passage of air on both sides. The cabinet was set to $70\pm 1^{\circ}\text{C}$ and $>95\%RH$.

The test was continued for 5 weeks. A single piece of the sample was removed weekly: 5 pieces were allowed to age for the full 5 weeks.

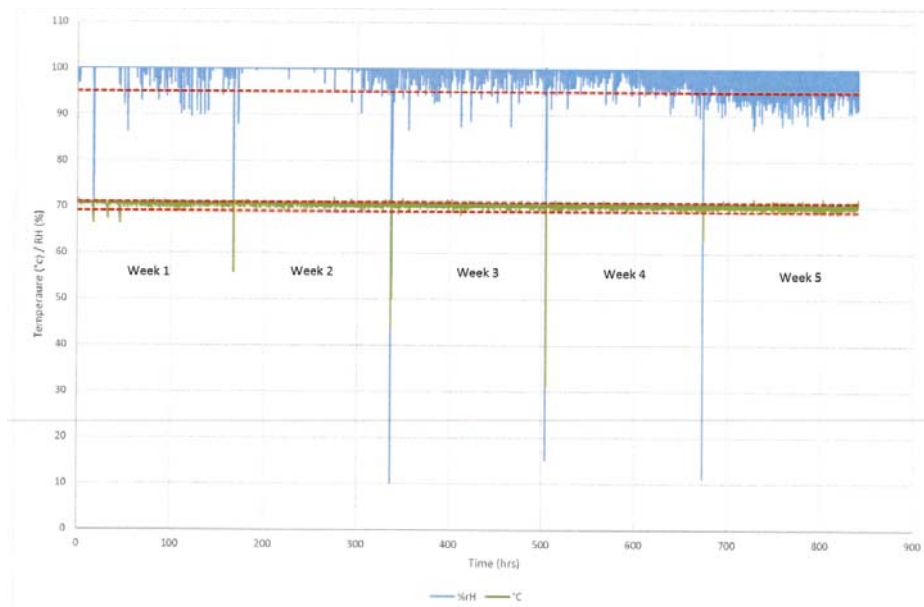
On removal from the cabinet, each sample was laid flat on a paper towel (@ca.23°C/50%RH)

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CONCLUSION



Comparison of blue material before and after test



Data log showing humidity and temperature throughout test

Reported by: Matthew Carey

Approved by: Stephen Cotton
Technical Specialist

***** End of Report *****