

# INTERTEK TEST REPORT

3933 US ROUTE 11

CORTLAND, NEW YORK 13045

Order No. G101788190

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Date: June 2,2015

**ASTM F903 - 10  
STANDARD TEST METHOD FOR  
RESISTANCE OF MATERIALS USED IN PROTECTIVE CLOTHING TO  
PENETRATION BY LIQUIDS**

**REPORT NO.: G101788190CRT-001revised  
QUOTE NO.: 500545794**

**RENDERED TO:**

**DEVILBISS AUTOMOTIVE REFINISHING  
11360 SOUTH AIRFIELD ROAD  
SWANTON, OH 43558**

**\*REVISED 7/2/15: WRONG VERSION OF THE STANDARD REFERENCED.**

**STANDARDS USED:**

ASTM F903 Standard Test Method for Resistance of Materials used in Protective Clothing to Penetration by Liquids Ed. 2010 ( with Procedure D).

**AUTHORIZATION:**

The test was authorized by Quote Number 500545794, issued to Suzie Hui.

**SPECIMEN DESCRIPTION:**

The test was performed on specimens identified by client as "Disposable Coverall Material". The samples previously described, were received on August 18, and evaluated September 2, 2014. The testing was performed at Intertek located in Cortland, NY.

**CONCLUSION:**

The samples submitted by DeVilbiss Automotive Refinishing, were evaluated in accordance with ASTM F903 Standard Test Method for Resistance of Materials used in Protective Clothing to Penetration by Liquids, Procedure D. The test data sheet is attached as an appendix. (1 page following).

Testing Chemist:



Joshua Knapp  
PPE Chemist  
Performance Group

Report Approved By:



Kelly Chapman  
PPE Chemist  
Performance Group

**APPENDIX  
ASTM F903-10  
Chemical Penetration Resistance**

<b>Product Description:</b>	Disposable Coverall Material		
<b>Prior Conditioning:</b>	21°C +/-3°C and a relative humidity of 65% +/- 5% = > 24 Hrs.		
<b>Challenge Chemical:</b>	Cross/FIRE CC5020 (Isocyanate Based Paint Mixture)		
<b>Source / Product #:</b>	Napa Auto parts	<b>Concentration:</b>	Mixture
<b>Detection Enhancement:</b>	Tissue Blot (KIM Wipe)	<b>Test Temperature (°C):</b>	21±2
<b>Procedure:</b>	Procedure D was used, 0 PSI for 5 minutes, 1 PSI for 1 minute, 0 PSI for 124 minutes.		

Test Results	Sample 1	Sample 2	Sample 3	Average
Time to Penetration (min)	>120	>120	>120	>120
Thickness (mils)	10	10	10	10

**Visual  
Observations**

Penetration: No                      Permeation: No

Discoloration: Yes                      Degradation: No

Deformation: Yes