


Report # K-656007-2007F06-R00		<h2 style="text-align: center;">Test Report</h2> <p style="text-align: center;">Kinectrics Inc., 800 Kipling Avenue, Unit 2 Toronto, Ontario, Canada Tel: 416-207-6000, <a href="http://www.kinectrics.com">www.kinectrics.com</a></p> 
Samples Received: Jul-15-20	Samples Tested: Jul-22-20	

<p><b><u>Tested for</u></b> ArcWear.com 3018 Eastpoint Parkway Louisville, KY 40223 ArcTesting@ArcWear.com</p> <p><b><u>Test item description</u></b> Honeywell Salisbury, Faceshield, Model AS1200-PP, Polycarbonate, Grey, Thickness .090", Hard Hat: Mfg. Honeywell, North Zone Model N10, N20, Class E, Type 1, Arcwear# 2007F06</p>	<p><b><u>Contact information for item tested:</u></b> Honeywell Salisbury 4091 Azalea Dr North Charleston, SC 29415</p>
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**Reference Standard**  
ASTM F2178-17b  
Standard Test Method for Determining the Arc Rating and Standard Specification for Eye or Face Protective Products

<p><b><u>Test Parameters:</u></b></p> <p>Test current: 8 kA Distance to Fabric: 30 cm Arc Gap: 30 cm</p>	<p>Number of samples analysed: 24 Incident Energy Range: 7 to 26 cal/cm²</p>
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**Arc Rating, ATPV = 19 Cal/cm²**  
**Heat Attenuation Factor, HAF = 90%**

**No variations to standard method noted.**  
**Samples tested as received, samples not laundered.**

**Test Summary**

The Arc Rating of this material is intended for use as part of a flame resistant garment or system for workers exposed to electric arcs. The test result is applicable only to the test item as described; other fiber blends, weaves, finishing or dye may have different protection level. The test articles are tested as received; no test is done to validate the fiber content or composition. The Arc Rating was calculated based on the data obtained and analysed in accordance with the latest version of the applicable standards. The individual test sheets, graphs, photographs of the samples and video of every test are provided in digital format to the Client for review.

The arc testing performed to the above mentioned Standard is accredited by the Standards Council of Canada (SCC) to conform to the requirements of CAN-P-4E (ISO/IEC 17025:2005). Accreditation by the Standards Council of Canada (SCC) is a mark of competence and reliability recognized throughout the world.

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Note: The test performed does not apply to electrical contact or electrical shock hazard.

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Prepared by:	Approved by:
Robert Ferraz HCL Technologist Kinectrics Inc.	Andrew Haines HCL Supervising Technologist Kinectrics Inc.

Note: For verification about results in this report, please forward copy of the report or inquiry to [hcl@kinectrics.com](mailto:hcl@kinectrics.com)

Date:  
Jul-22-20

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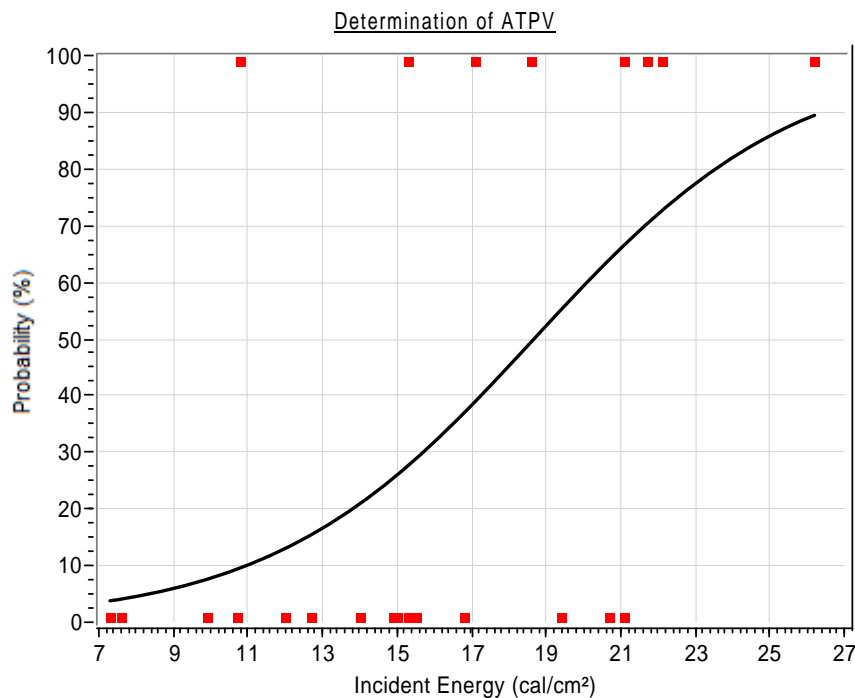
Determination of ATPV by performing logistic regression on the panel  
burn response as indicated in Summary Table

Test Performed in accordance with: ASTM F2178-17b



**Fabric Description:**

Honeywell Salisbury,  
Faceshield, Model AS1200-PP,  
Polycarbonate, Grey, Thickness .090",  
Hard Hat: Mfg. Honeywell, North Zone Model N10, N20, Class E, Type 1,  
Arcwear# 2007F06

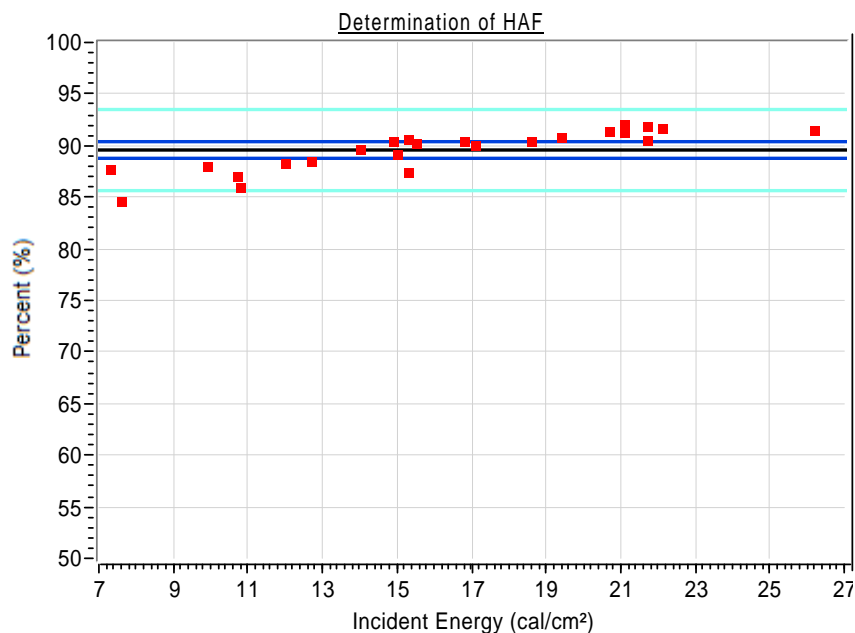


**ATPV = 19 cal/cm²**

Probability	Ei
5%	8.3
10%	11.0
20%	13.8
30%	15.7
40%	17.2
50%	18.7
60%	20.1
70%	21.7
80%	23.5
90%	26.2

(Note: ATPV is reported to nearest integer  
for ratings above 10 cal/cm²)

**Total points analyzed = 24**  
**Points above Stoll = 9**  
**Points above mix zone = 5**  
**Points below mix zone = 4**  
**# Pts within 20% = 14**  
**# Pts in mix zone = 14**



**HAF = 90 %**

Confidence Intervals  
95% CI = 89.2 , 90.8

Data pts

Best Fit

95% CI

95% CI pts

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K-656007-2007F06-B00

Test Performed in accordance with : ASTM F2178-17b



<b>Fabric</b>	Honeywell Salisbury,
<b>Description:</b>	Faceshield, Model AS1200-PP, Polycarbonate, Grey, Thickness .090", Hard Hat: Mfg. Honeywell, North Zone Model N10, N20, Class E, Type 1, Arcwear# 2007F06

[illegible]

**There was no evidence of melting, dripping, ignition or afterflame or break-open in any of the samples tested.**

## Photographs

The following photographs are representative of test results observed.



**Figure 1. Faceshield before arc exposure.**



**Figure 2. Faceshield after arc exposure at 18.6 -19.4 cal/cm<sup>2</sup>.**