



ISO 9001:2008 Registered

Style: Ultra C6 Knit Sleeve



DESIGN

LAYERS: 2 layers

SIZING: One Size

Available in Forearm & Full arm lengths

MATERIALS

MATERIAL	CONSTRUCTION	WEIGHT	COLOR(s)
Ultra C6	2 layer Knit	15.5 oz/yd ²	Black

CARE

Machine wash warm with regular detergent – no chlorine bleach

Tumble dry low heat

DO NOT commercially dry clean

WARRANTY INFORMATION

Your protective glove is warranted by the manufacturer to be free from defects in material and workmanship. This warranty does not cover normal wear or unusual exposures. This warranty is in lieu of all other warranties, express or implied, including but not limited to, implied warranties or marketability and / or fitness for a particular purpose. The manufacturer shall not be liable for incidental or consequential damages.

CERTIFICATION

Level 2 Electric ARC Rated with an ATPV of 23.0 cal/cm² (two ply material) – in accordance with ASTM International Standard Test Method F 1959/F 1959M-05a (see following pages for test report).

All weights and measurements are approximate.

P.O. Box 248 • Lehighton, PA • 18235

Phone: 610-377-6273 • Fax: 610-377-6221

e-mail: cs@majhoods@.net

www.majhoods.com

HOODS AND MORE

Date:
May 25, 2009

Report #
K-418192

High Current Test Laboratory
Kinectrics Inc., Canada
Test Summary



Client

Majestic Fire Apparel

Fabric description

Majestic, Ultra 6C Sleeves, 15.5 oz , Black

Reference Standard

Draft method Single sensor glove holder with incident energy monitors

Test Parameters:

Test current: 7.98kA

Number of samples analysed: 24

Distance to Fabric: 12"

Incident Energy Range: 15 to 43 cal/cm²

Arc Gap: 12"

Summary

The arc rating of this material is intended for use as work gloves for workers exposed to electric arcs. The material used in this test method are in the form of actual gloves. This test method does not apply to the electrical contact or electrical shock hazard.

Based on the data obtained and analysed in accordance with the logistic regression using the Stoll curve, the following Arc Rating was calculated.

Arc Thermal Performance Value, ATPV = 23.0 Cal/cm²
Heat Attenuation Factor, HAF = 87.7%

Panel data and observations of the fabric samples after the arc exposure were collected and summarized in the attached table. The graphs and statistics on the attached sheets provide more detailed information to better understand the Arc Rating assigned to this material. The client shall review this full report, the video recordings of the arc exposure and the photographs of the samples after the test to determine if the material meets the intended specification.

Test performed by:

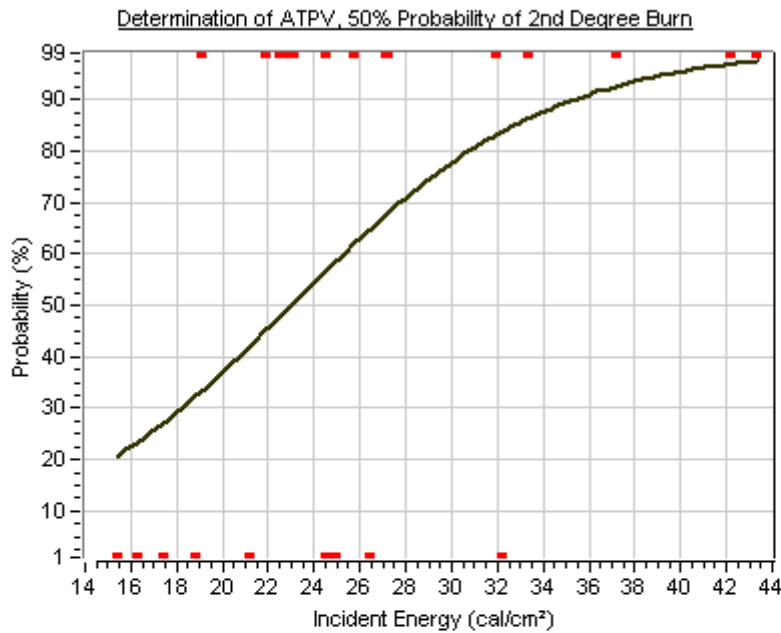
Hugh Hoagland
ArcWear.com
502-314-7158
hugh@arcwear.com

Contact information

Janeane Matula
Majestic Fire Apparel
610-377-6327
cs@majesticfireapparel.com

Fabric Description:

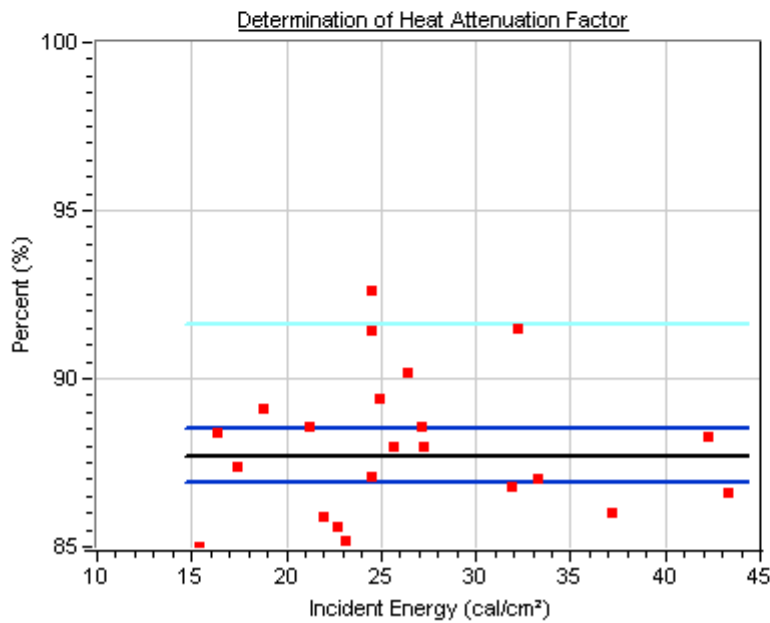
Majestic, Ultra 6C Sleeves, 15.5 oz , Black



ATPV = 23.0 cal/cm²




Probability of Burn	Ei
5%	15.4
10%	15.4
20%	15.4
30%	18.2
40%	20.7
50%	23.0
60%	25.3
70%	27.8
80%	30.8
90%	35.4

Pts = 24
 # Pts above Stoll = 14
 # Pts Break-Open = 0
 # Pts always >STOLL = 4
 # Pts always <STOLL = 4
 # Pts within 20% = 15
 # Pts in mix zone = 16



HAF = 87.7 %

Confidence Intervals
 95% CI = 86.9 , 88.5

Data pts 
 Best Fit 
 95% CI 
 95% CI pts 