

Hugh Hoagland Consulting, Inc.

ArcWear.com

Electric Arc Exposure Tests

For 3M

**Fabric**

**3M Scotchlite™ 9587, 3M Scotchlite™ 9587, Yellow and  
Retroreflective  
Nominal/Launched wt. 500 g/m<sup>2</sup> (14.8 oz/yd<sup>2</sup>)**

October 2006

Tests Conducted at Kinectrics High Current Laboratory  
Toronto, Ontario, Canada

# Electric Arc Exposure Tests

Materials for use in Electric Arc

**3M**

## Certificate of Performance

This is to certify that the tests documented in this report were conducted at Kinectrics High Current Laboratory in accordance with ASTM International Standard Test Method F1959-2004. The test samples were washed and dried by the Hugh Hoagland Consulting, Inc. in accordance with the above standard.

Fabric system specified in the table below received  
Arc Rating as ATPV= 9.4 cal/cm<sup>2</sup>, Ebtas= 22.1 cal/cm<sup>2</sup>

Manufacturer	3M
Layer 1	
Fabric design	3M Scotchlite™ 9587
Style	3M Scotchlite™ 9587
Color	Yellow and Retroreflective
Nominal/Laundered wt	500 g/m <sup>2</sup> , (14.8 oz/yd <sup>2</sup> )

Requested by: Laura Brown

Approved by Hugh Hoagland  
Hugh Hoagland Consulting, Inc.

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