

## Product Data Sheet

### Proban® Hood

The Proban® Welding Hood features a drawstring closure around the face to ensure maximum protection and optional side gussets for a more comfortable fit.

#### Features

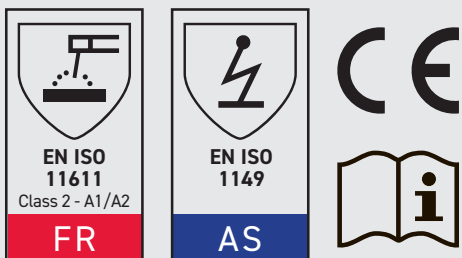
- Made from 100% cotton treated Proban®
- Drawstring face closure for extra protection
- Available with side gussets for a more comfortable fit.

All High Visibility Proban® Cotton Welding apparel is made from safe to wear Proban® 100% cotton. Proban® fabrics meet the requirements of the OEKO-TEX® standard 100 'Confidence in Textiles'.

#### Certifications and Standards

This garment is certified to AS/NZS 4602.1:2011 High Visibility Safety Garments – Day/Night Requirements.

Elliotts Proban® range of welding apparel is made to meet the requirements of ISO 11611 Protective clothing for use in welding and allied processes.





**PROBAN®**  
Performance is our promise

**OEKO-TEX®**  
CONFIDENCE IN TEXTILES  
**STANDARD 100**  
2013PK0012 AITEX

Tested for harmful substances.  
[www.oeko-tex.com/standard100](http://www.oeko-tex.com/standard100)

Part Number	Description	Size
PHGM30Y	With Gussets	LRG
PHIS101Y	Economy	LRG

### Who is Solvay?

Solvay is one of the worlds leading manufacturers of textile flame retardants. PROBAN® is an ideal, wash durable flame retardant finish for cotton and cotton rich fabrics used for making protective clothing.

### What is PROBAN®?

PROBAN® is a quality controlled technological process giving cotton and cotton rich textiles flame retardant properties that are durable for long term use. Flame retardancy is achieved by the formation of a cross-linked inert polymer within the fibre. Since there is no chemical reaction with the fibre, woven and knitted fabrics retain the aesthetic properties and benefits of natural cotton.

### PROBAN® durability

PROBAN® fabrics are manufactured not only to protect the wearer from fire, but to ensure they offer protection for the lifetime of the article. Part of the licensee agreement means fabrics are also tested for their wash durability. When caring for your PROBAN® treated articles avoid using chlorine bleaches, strong oxidizing agents.

### With PROBAN® your reputation is in safe hands

PROBAN® fabrics are manufactured on a strict quality controlled basis, through appointed licensed textile finishers, whom Solvay recognises as having the necessary technical skills.

Licensees submit representative samples from each production run to Solvay for limited flame spread testing carried out after extensive durability washing to ensure that each production run meets the high PROBAN® standards.

If samples meet the appropriate requirements, test certificates are issued. Only garments or flame retardant fabrics that display genuine PROBAN® labels can guarantee protection. You and your workforce may be at risk if you don't insist on the official PROBAN® brand.



### Performance and Standards

Flame retardancy of the fabric meets the requirements of the following After 50 Wash and Dry Cycles (ISO 15797:2002 Procedure 3):

- ISO 14116:2003 Limited Flame Spread Index 3
- ISO 11611:2007 Protective clothing for use in welding and allied processes Para 6.7
- ISO 11612:2008 6.3 Protective clothing – Clothing to protect against heat and flame Para 6.3 Flame

### Safety First

The PROBAN® polymer has been included in the OEKO-TEX® list of approved chemicals.

The PROBAN® fabric used in Elliotts products has been tested and passes OEKO-TEX® standard 100 'Confidence in Textiles' which certifies the skin friendliness of the end articles.

OEKO-TEX® testing for harmful substances always focus on the actual use of the textile: "The more intensive the skin contact of a product, the stricter the human ecological requirements to be met.