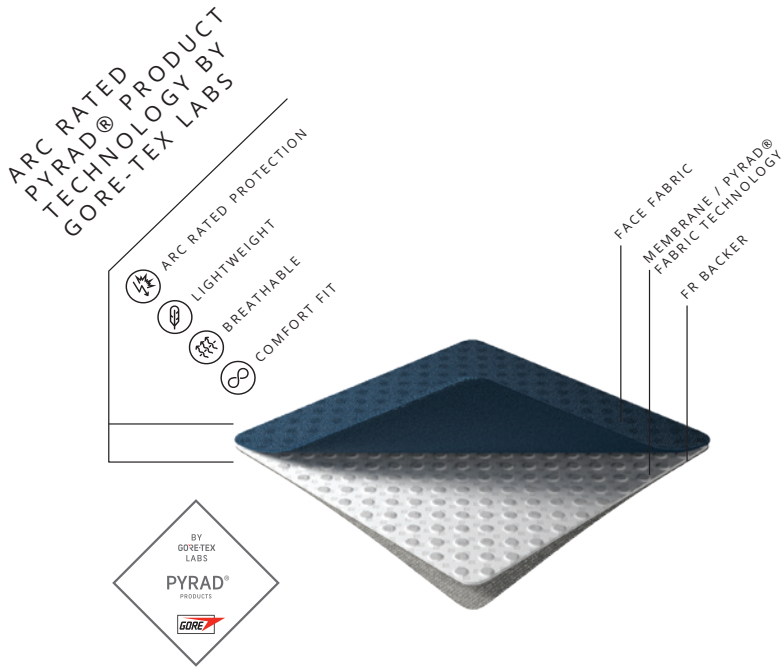


# WHY PYRAD® TECHNOLOGY BY GORE-TEX LABS?

## PROVEN 40 CAL ARC PROTECTION IN A MEASURABLY THIN & LIGHTWEIGHT FABRIC

The new arc rated PYRAD® product technology by GORE-TEX LABS is based on a 3-layer laminate engineered into a single-ply. It blocks heat flow during arc exposure and stops flame propagation by forming a carbonaceous char with the fabric, so that heat transfer to skin is reduced.



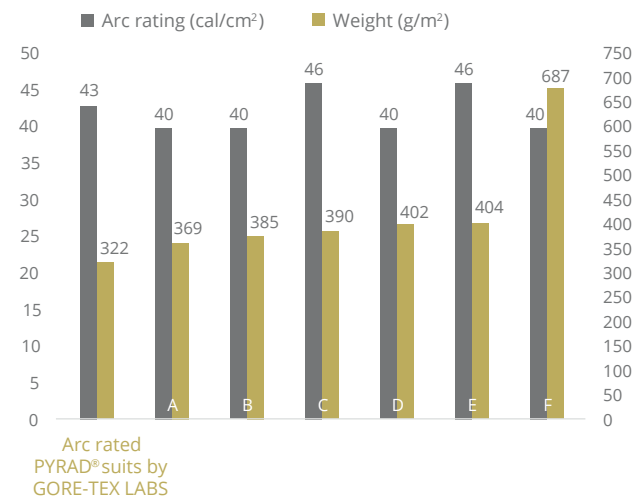
### NEW PROGARM® ARC SWITCH SUIT WITH PYRAD® TECHNOLOGY BY GORE-TEX LABS

- ✓ The lightest weight 40cal arc protection below 330g/m²
- ✓ The highest arc rating per fabric weight ratio
- ✓ The fabric system is up to 20% lighter than competitive premium products and more than 50% lighter than a competitive entry level product
- ✓ 39% to 64% more flexible than other competitive premium solutions
- ✓ Increased ease of motion with less muscular fatigue during the task (e.g. winding, repeatedly removing racks)
- ✓ Up to 48% thinner than competitive premium solutions
- ✓ Thin and highly functional garment design

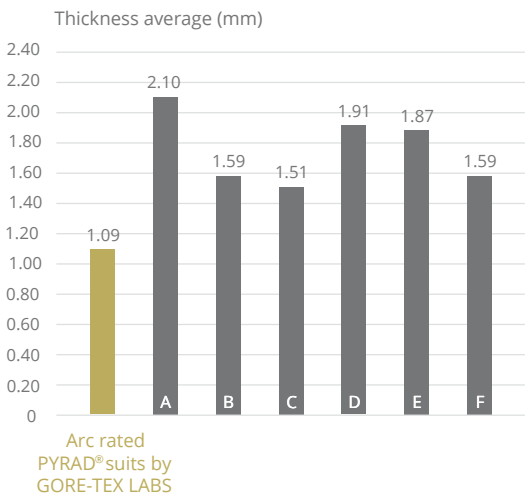
Garments A-F are equivalent protection competitive jackets. A-E are multilayer aramid blends, F is cotton double-ply.

All tests carried out in-house by Gore on garments acquired from the market.

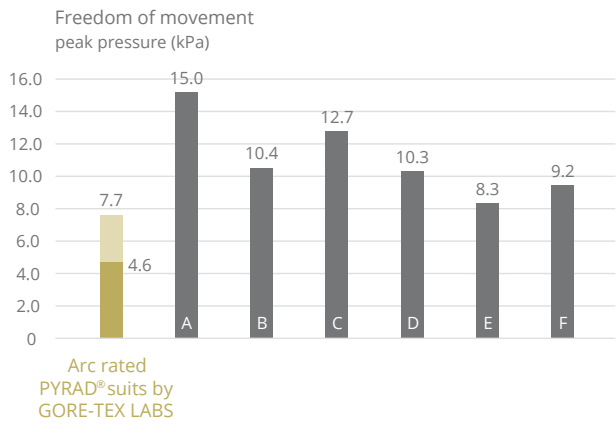
### UP TO 20% LIGHTER\*



### UP TO 48% THINNER\*\*



### UP TO 64% MORE FLEXIBLE\*\*\*



**ProGARM®**  
PROTECTING LIVES

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Though we make every attempt to ensure the colours of our products are reproduced as accurately as possible, they are provided for illustrative purposes and may differ from the actual product you receive. We reserve the right to improve products from our collection without notices.

## ARC RATED SWITCHING SUIT WITH PYRAD® TECHNOLOGY BY GORE-TEX LABS



**ProGARM®**  
PROTECTING LIVES





# INTRODUCING THE PROGARM® ARC 4 SWITCHING SUIT

UP TO  
**20%**  
LIGHTER\*

20% lighter than  
competitive  
premium products:  
below 330 g/m<sup>2</sup>

UP TO  
**48%**  
THINNER\*\*

More comfortable  
during high-intensity  
activities

UP TO  
**64%**  
MORE FLEXIBLE\*\*\*

Increased ease of  
motion with less  
muscular fatigue  
during the task

## THE UK'S ONLY 40 CAL GARMENT WITH AWARD-WINNING PYRAD® TECHNOLOGY BY GORE-TEX LABS

The new ProGARM® Arc 4 Switching Suit is a groundbreaking advancement in Arc Flash protective clothing. Incorporating the award-winning PYRAD® fabric technology by GORE-TEX Labs, this suit offers exceptional protection, comfort, and functionality, making it a game-changer for professionals working in high-risk energy environments. As the only suit available in the UK featuring this innovative technology, it sets a new benchmark for Arc Flash PPE.

This revolutionary suit delivers 40 cal/cm<sup>2</sup> Arc Flash protection in a lightweight, single-layer design. Unlike traditional bulky arc protection garments, the ProGARM® Arc 4 Switching Suit is crafted to enhance freedom of movement without compromising safety. The soft-for-bending material allows wearers to perform their tasks with greater agility, minimising muscular fatigue even during physically demanding activities.

The suit prioritises comfort. It has been engineered to keep wearers dry and comfortable, even in the most active working conditions. The advanced moisture management ensures that workers remain cool during tasks and can return to work feeling fresh after breaks without the discomfort of clammy clothing.

Designed specifically for professionals such as electrical consultants, contractors, and site workers, the suit is ideal for those exposed to high-energy environments where Arc Flash incidents of 40 cal/cm<sup>2</sup> are a risk. Its robust yet lightweight construction supports the wearer through rigorous tasks, while maintaining durability and reliability. Available in 54 size configurations covering, short, tall, regular, and male and female sizes, this suit can be tailored to fit a variety of individual needs.

## ARC 4 SWITCHING SUIT

**FITS:** Male & Female  
**LENGTHS:** Short | Regular | Tall  
**MALE SIZES:** S-5XL  
**FEMALE SIZES:** 6-24  
**COLOUR:** Grey  
**FABRIC:** Weight: 320gms,  
Pyrad® Technology by GORE-TEX Labs

## JACKET 9505

- FEATURES & BENEFITS:**
- ✓ Shaped high collar for extra neck protection
  - ✓ Chest suitable for profiling and customer logos
  - ✓ FR Spiral zip for increase strength
  - ✓ SafetylCON with ELIM rating
  - ✓ FR HEX Heat applied reflective tape for added visibility
  - ✓ Adjustable cuff tabs
  - ✓ Internal zipped napoleon pocket
  - ✓ Storm flap for windproofing
  - ✓ Lightweight Pyrad® Technology by GORE-TEX Labs

## DUNGAREE 9515

- FEATURES & BENEFITS:**
- ✓ Easily adjustable braces using 260°C heat resistant buckles
  - ✓ Studs side opening for easier donning and doffing
  - ✓ Adjustable waist band using 260°C heat resistant buckles
  - ✓ Shaped knee panelling
  - ✓ Leg opening with FR spiral zip, adjustable leg hem
  - ✓ SafetylCON with ELIM rating
  - ✓ FR HEX Heat applied reflective tape for added visibility
  - ✓ Lightweight Pyrad® Technology by GORE-TEX Labs

## HOOD 9501

**FITS:** One size

**FEATURES & BENEFITS:**

Assembly of hood, visor and helmet have been independently tested to:

- ✓ EN166:2002
- ✓ GS-ET-29:2011 (APC 2)
- ✓ ASTM F2178

**VISOR**

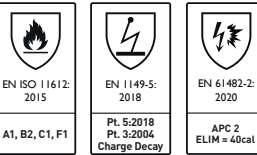
Premium anti-fog coated highlight transparent Arc Flash protective shield, colour grey, meeting NFPA 70E, ASTM F2178 (40cal), ANSI 287.1

**HELMET**

Manufactured from high quality strong ABS material, up to 20% lighter than most other helmets, features Dry-Tech sweatband for maximum comfort and an adjustable ratchet, meeting EN 397 (LD, MM, -40 C), EN50365, ANSI/ISEA Class 3.



**EN STANDARDS**



**BOX TEST**



**ARC RATING**



**PRODUCT CARE:**

- ✓ Washing Temperature: 60°C
- ✓ Drying Temperature: up to 60°C

- ✓ Do not iron
- ✓ Do not dry clean
- ✓ Do not use bleach



ProGARM® 2678 Arc Flash 50cal Gloves  
Contact us for details  
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