



NEW  
**ARC RATED  
PYRAD®  
UNIFORM**  
BY GORE-TEX LABS

CLASS 2 ARC PROTECTION  
HAS NEVER BEEN LIGHTER



**ARC RATED PROTECTION**

Class 2  
Tested and proven in  
Box and Open-air  
arc flash



**LIGHTWEIGHT**

Single-Ply  
< 320 g/m<sup>2</sup>  
Low bulk, boosted  
productivity



**VERY BREATHABLE**

Comfortable  
during high-intensity  
activities

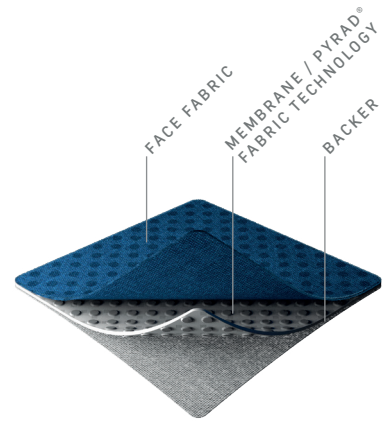


**COMFORT FIT**

Increased freedom  
of movement with  
less muscular  
fatigue during  
the task

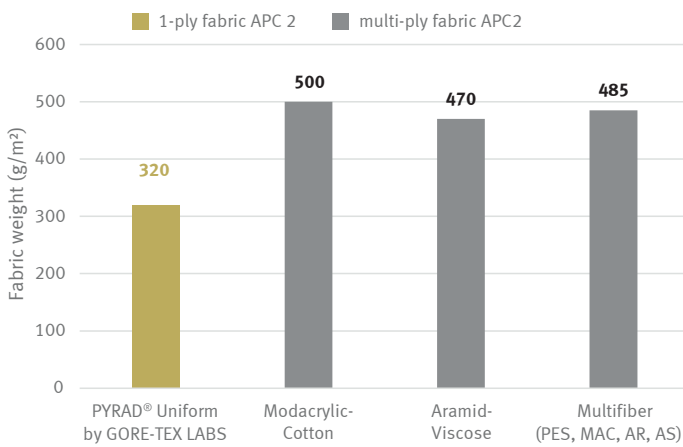
# NEW ARC RATED PYRAD® UNIFORM BY GORE-TEX LABS

Utility workers dealing with electricity face the daily risk of thermal hazards from electric arc flashes. The new Class 2 arc-rated PYRAD® technology by GORE-TEX LABS ensures workers' safety without compromise, even in the event of accidental electric arc flash exposures. The new technology consists of a single-ply laminate lighter than any other class 2 arc rated solution, ensuring the wearer feels thermally comfortable in dry, temperate and warm conditions, indoors and outdoors. The single-ply construction offers a less bulky yet robust and highly functional design, along with increased ease of motion, making it suitable for various work situations.



## BENEFITS

- ▶ Lightweight design enables functional garments with minimal bulk, enhancing productivity



- ▶ High breathability for increased comfort even during high-intensity activities
- ▶ High arc protection (Box test class 2): Minimized risk of burn injuries due to accidental arc flash exposure
- ▶ Increased freedom of movement enhances overall wearing comfort

## IDEAL FOR

Electrical utility and industrial companies seeking a lightweight, soft, multinorm compliant protective garment solution that:

- ▶ Provides all-day safeguarding for engineers and workers against potential electric arc flash exposure, up to class 2 (APC 2).
- ▶ Offers a soft and less bulky design, enabling a wide range of effortless motion.
- ▶ Facilitates informed procurement decisions for end-user organizations, enhancing comfort, wearer acceptance, and productivity without compromising protection.
- ▶ Introduces an inventive product solution suitable for diverse applications, characterised by responsible material selection (including recycled content), thoughtful textile construction, and a non-fluorinated treatment approach.

## SUSTAINABILITY

- ▶ Face textile: 100 % Recycled Polyester
- ▶ Backer textile: 60 % Viscose, 38 % recycled Polyester, 2 % Carbon Fibres
- ▶ Non-fluorinated textile treatment
- ▶ OEKO-TEX® STANDARD 100 - Supplement for PPE and PPE Materials - Annex 4 Product Class II - Recycled Content Certified
- ▶ California Prop 65 compliant



Provides enhanced comfort and uncompromised protection

## SAFETY STANDARDS

- ▶ Protective clothing against the thermal hazards of an electric arc, IEC 61482-1-2 Box test Class 2 (7kA/APC 2); IEC 61482-1-1:2019 Arc rating ELIM ≥ 29 cal/cm² (ATPV ≥ 35 cal/cm²)
- ▶ Clothing to protect against heat and flame, EN ISO 11612 A1, A2, B1, C1, D2, E2, F1
- ▶ Protective clothing for use in welding and allied processes, EN ISO 11611 Class 2 A1+A2
- ▶ High Visibility Clothing, EN ISO 20471 HI-VIS yellow, HI-VIS orange, including non-fluorescent colors.
- ▶ Electrostatic dissipative protective clothing, EN 1149-3/-5
- ▶ Protective clothing against liquid chemicals, EN 13034 Type 6 (PB)



For more information visit:  
[goretexprofessional.com](http://goretexprofessional.com)

