



THE NEW ARC RATED PYRAD® SWITCH SUIT BY GORE-TEX LABS

PROVEN 40 CAL ARC PROTECTION
IN A MEASURABLY THIN AND
LIGHTWEIGHT FABRIC



ARC RATED PROTECTION

Tested and proven in
Box-test class 2 and
Open-air arc flash ATPV
≥ 40 cal/cm²



LIGHTWEIGHT

20% lighter than
competitive premium
products: below
330 g/m²



VERY BREATHABLE

Comfortable
during high-intensity
activities

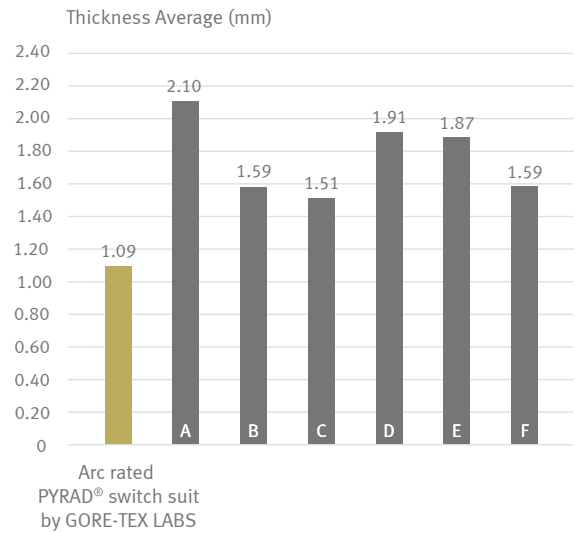
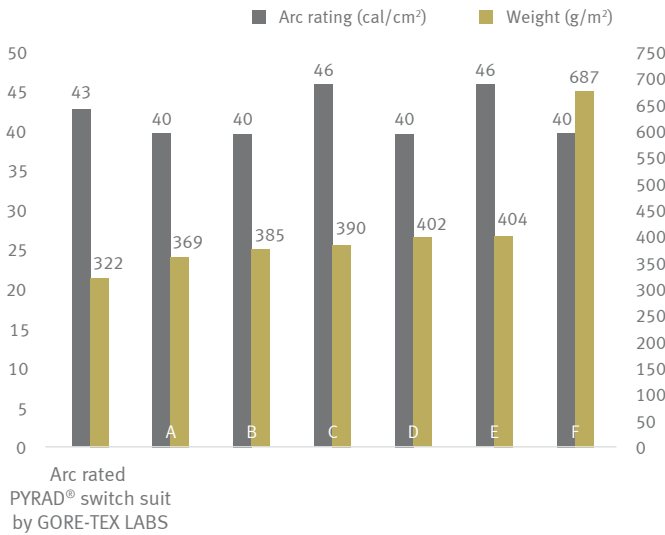
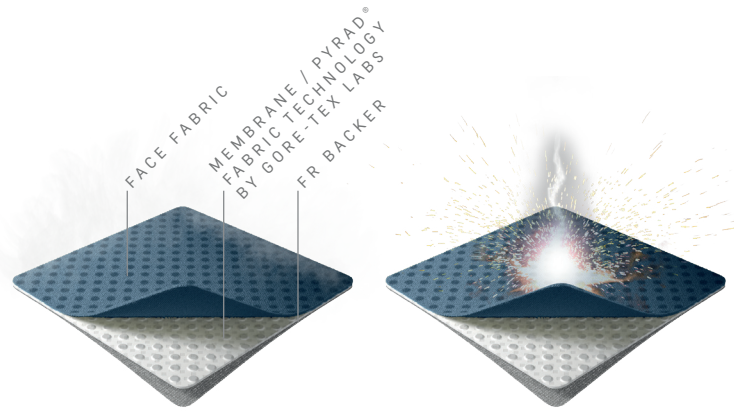


COMFORT FIT

Increased ease of
motion with less
muscular fatigue
during the task

THE SCIENCE BEHIND THE TECHNOLOGY

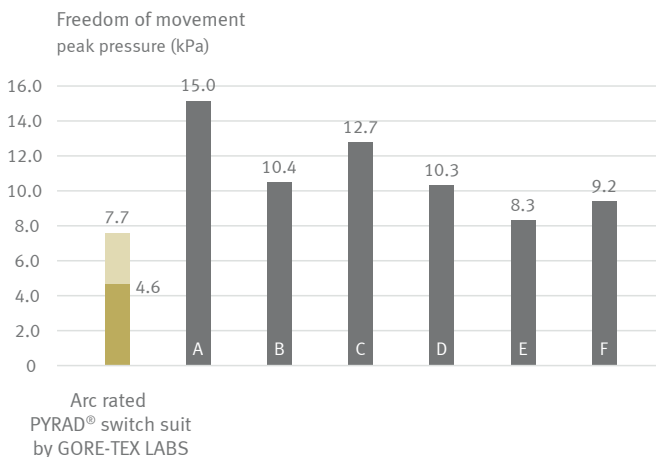
The new arc rated PYRAD® product technology by GORE-TEX LABS is based on a 3-layer laminate engineered into a single-ply. It blocks heat flow during arc exposure and stops flame propagation by forming a carbonaceous char with the fabric, so that heat transfer to skin is reduced.



The new arc PYRAD® switch suit by GORE-TEX LABS

- ▶ has the lightest weight 40 cal arc protection below 330 g/m²
- ▶ has 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

- ▶ The new arc rated PYRAD® switch suit by GORE-TEX LABS is up to 48 % thinner than competitive premium solutions
- ▶ Allows for thin and highly functional garment design
- ▶ Easy donning & doffing



- ▶ The new arc rated PYRAD® switch suit by GORE-TEX LABS is 39 % to 64 % more flexible than other competitive premium solutions
- ▶ Due to low peak pressure needed, the wearer feels an increased ease of motion with less muscular fatigue during the task (e.g. winding, repeatedly removing racks)

SAFETY STANDARDS

- ▶ Protective clothing against the thermal hazards of an electric arc, IEC 61482-1-2 Box test Class 2 (7 kA) and IEC 61482-1-1, Open-air arc test ATPV ≥ 40 cal/cm²
- ▶ Protective clothing against heat and flame, EN ISO 11612 – A1, A2, B1, C1, D2, E1, F1
- ▶ Protective clothing for use in welding and allied processes, EN ISO 11611 Class 1 A1+A2
- ▶ Electrostatic dissipative protective clothing, EN 1149-3/-5
- ▶ Protective clothing against liquid chemicals, EN 13034 Type 6



CALIFORNIA PROP 65 COMPLIANT

WARNING: No products, including garments, footwear, and gloves, protect completely, even when new; their protective performance will decline with wear, tear, abrasion, and other damage associated with use.



For more information visit:
goretexprofessional.com

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