

THE LIGHTEST WEIGHT 40 CAL SUIT BELOW 10 OZ
THE NEW ARC RATED
PYRAD® SWITCH SUIT
BY GORE-TEX LABS



BY
GORE-TEX
LABS

PYRAD®
PRODUCTS



PROVEN CAT 4 ARC PROTECTION IN A
MEASURABLY THIN AND LIGHTWEIGHT FABRIC



**HIGH ARC
PROTECTION**

Tested and proven
arc protection
cat 4: ATPV \geq 40 cal/cm²
according to
ASTM F1959



**20%
LIGHTER**

than competitive
premium products.
The lightest weight
40 cal arc protection
below 10 oz



**VERY
BREATHABLE**

Very breathable
(referring to RET
value rating,
Hohenstein Institute
methodology)

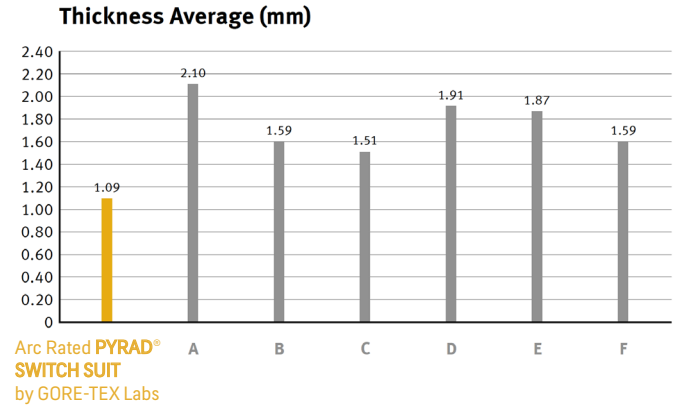
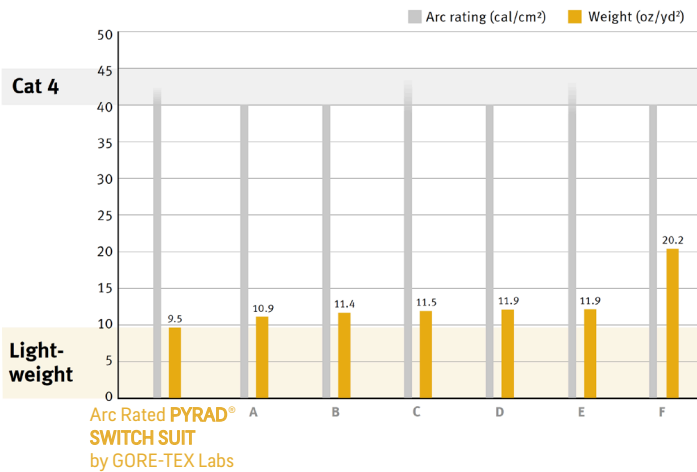
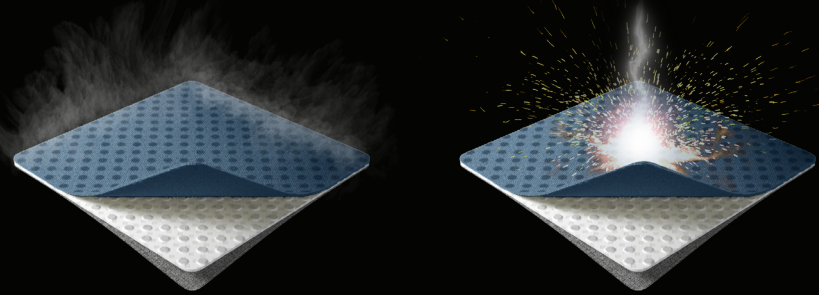


**FREEDOM OF
MOVEMENT**

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 in 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 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

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.

SAFETY STANDARDS
 ASTM F1506, Arc and Flame-Resistant Protective clothing
 NFPA 70E (USA) and CSA Z462 (Canada), Standards for Electrical Safety in the Workplace
 ASTM F1959 per F1506, Arc rating of materials for clothing (Open-Air Arc Flash); ATPV ≥ 40 cal/cm²
 ASTM F2621, Integrity of Garments after an Open-air electric arc flash exposure
 ASTM F1930, Flame-Resistant Clothing for Protection Against Fire Simulations (Instrumented Manikin)
 ATSM F1868 / ISO 11092, Evaporative resistance (RET < 13) – Breathability.
 EN 1149-3/5, Electrostatic dissipative protective clothing
 OEKO-TEX® STANDARD 100 Class II
 California Prop 65



Product available from our customers below:



NSA - <https://www.thinknsa.com>
 Melissa Dixon, mdixon@thinknsa.com
 1-800-553-0672 (Office), 216-658-3805 (Cell)



Steel Grip - www.steelgripinc.com
 Jason Smith, jason@steelgripinc.com
 1-800-397-8390, ext. 118 (Office)



Mechanix - <https://www.mechanix.com>
 Mary Ann Merikoski, maryann@chicagoprotective.com
 (847)-674-7900 (Office)

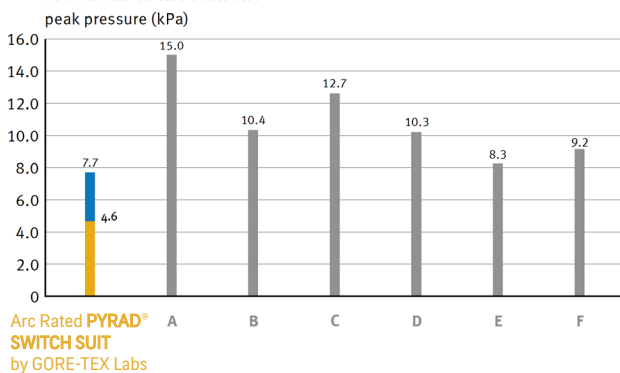


Lac Mac Limited - <https://www.lac-mac.com>
 Shelley Petrovskis, Shelley.Petrovskis@lac-mac.com
 1-888-452-2622, x2227 (Office), 519-709-6145 (Cell)

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

has the lightest weight 40 cal arc protection below 10 oz
 has the highest arc rating per fabric weight ratio
 has a fabric system is up to 20% lighter than competitive premium products and more than 50% lighter than a competitive entry level product

Freedom of movement



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)

