

ARC RATED PYRAD[®] WINDSTOPPER[®] GARMENTS

BY GORE-TEX LABS

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LABS

PYRAD[®]
PRODUCTS



THE MOST CONSISTENTLY WARM CAT 4
PROTECTION FOR COLD AND WINDY CONDITIONS



**TOTALLY
WINDPROOF**

Consistent thermal
protection in cold
& windy conditions



**VERY
BREATHABLE**

Comfortable during
high-intensity
activities



**FREEDOM
OF MOVEMENT**

Increased ease
of motion



**CAT 4
ARC RATED**

ATPV ≥ 40 cal/cm²

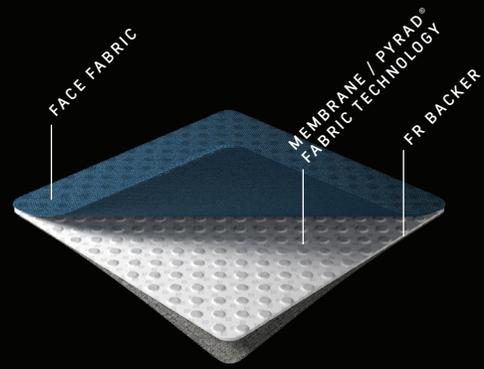


**LIGHT RAIN
RESISTANT**

Keeps workers
dry during short
exposure to
light rain

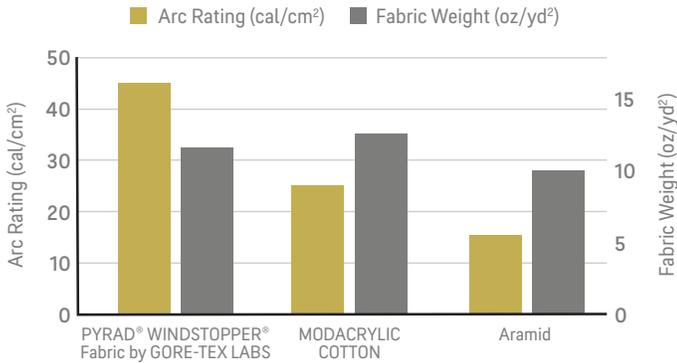
THE SCIENCE BEHIND THE TECHNOLOGY

The new arc rated PYRAD® WINDSTOPPER® 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.

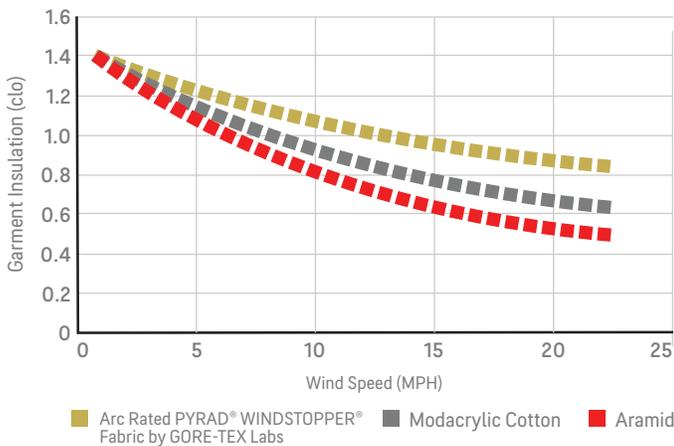


BENEFITS

- High arc protection (CAT 4): Minimized risk of burn injuries due to accidental arc flash.
- Light weight and increased ease of motion.



- Consistent warmth in windy conditions.
- High breathability for increased comfort even during high-intensity activities.



IDEAL FOR

Electrical utility linemen and industrial workers who look for a light weight garment which:

- Keeps them consistently warm in windy & cold conditions without being bulky.
- Is soft and comfortable to wear while being reliably protected against arc flash as well as incidental heat & flame exposure.
- Supports wide range of work activities indoors and outdoors for long periods, including light rain.

SUSTAINABILITY

- Face textile: 100% Recycled polyester
- Backer textile: 60% Modacrylic / 38% Viscose / 2% AS
- Non-Fluorinated treatment
- OEKO-TEX® Standard 100 compliant
- Prop 65 compliant

SAFETY STANDARDS

NFPA 70E / CSA Z462, Electrical Safety in the Workplace.
 ASTM F1506, Arc flash and Flame-Resistant protection.
 ASTM F1959, per F1506, Arc rating for FR fabrics (Open-Air Arc Flash)
 ASTM F2621, Integrity of Garments after an open-air electric arc flash exposure
 ASTM F1930, Evaluation of Flame-Resistant Clothing for Protection Against Fire Simulations (Instrumented Manikin)
 ANSI / ISEA 107 / CSA Z96, High-Visibility Safety Apparel
 ATSM F1868 / ISO 11092, Thermal (Rct) and evaporative resistance (Ret)
 EN 1149-3/5 Electrostatic dissipative protective clothing



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.

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)



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)

