



**PUSHING THE BOUNDARIES
OF LIGHTWEIGHT ARC FLASH PPE 4 PROTECTION**

GORE[®] PYRAD[®] PPE4 ARC FLASH SUIT

JACKET • BIB OVERALL • HOOD

EXTREME COMFORT & STREAMLINED GARMENT DESIGN MEETS 40 CAL ARC FLASH PROTECTION

Mechanix Wear has fused together Gore[®] Pyrad[®] fabric technology with streamlined garment design to bring electrical workers the lightest and most comfortable PPE 4 arc flash suit available. When workers are cool and comfortable, they can stay productive and focused on the job.



20% LIGHTER

Helps prevent worker fatigue caused by heavy garments weighing them down

39% MORE FLEXIBLE

Greater ease of movement = less muscle strain and fatigue while working

48% THINNER

Easy donning and doffing and allows for more streamlined and comfortable garment design

*Gore® Pyrad® suit compared to competitive premium lightweight solutions



SUIT DESIGN HIGHLIGHTS

- 40 cal / cm² (ATPV 40)
- Articulated sleeves and knees, adjustable waist and suspenders, drop tail back hem to enhance freedom of movement, reduce slippage and sleeve ride-up
- Leg plackets for enhanced ease of donning and doffing over boots. Back leg opening boot reinforcement panels to minimize damage to garment
- Improved breathability from features such as shorter, open-front stand collar on jacket for more airflow when hood is worn
- Ergonomic features such as strategically placed tabs on garments for easy grab when wearing gloves, and choice of standard or lift-front window on hood
- Sized to ASTM body standards

STANDARDS & CERTIFICATIONS

- ASTM F1506 / NFPA 70E (USA) / CSA Z462 (CANADA)
For Arc-Resistant Clothing
- EN 1149-3/-5
Electrostatic Properties of Protective Clothing
- AATCC TM22-2017c
Water Repellency
- AATCC TM118-2013e
Oil Repellency / Hydrocarbon Resistance

FABRIC HIGHLIGHTS

- Ultra-lightweight at 9.5 oz./sq. yd
- Only 1.09 mm thick
- Heat Attenuation Factor (HAF) of 95%
- Fabric provides 40 cal / cm² (ATPV) arc-rated protection
- Highest arc rating per fabric weight ratio



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