



BARRIAIRE™ GOLD HOODS UL® CERTIFIED TO NFPA 1970



Elite Pro Short



Elite Pro



Fuller Cut with Extended Bib

Now, true protection means full compliance. BarriAire™ Gold hoods are UL® Certified to meet the new, groundbreaking NFPA 1970 standard. These hoods deliver 97.4% particulate efficiency and provide advanced defense against heat, toxic particulates, and carcinogens. Plus, they're softer, more breathable, and made without intentionally added PFAS. Get the mandatory protection you need with the comfort you deserve.

• SUPPORT •
Nomex
Nano Flex



UL® Certified to NFPA 1970



Elite Pro Short
39709-00-194071



Elite Pro
39708-00-194071



Fuller Cut with
Extended Bib
39707-00-194071

The Elite Pro Advantage

Elite Pro hoods are specifically designed to improve comfort and provide greater freedom of movement while significantly reducing tugging or pulling away from the SCBA facepiece. Tapered back, notched shoulder drape and patterned bib interface seamlessly with turnout collars and SCBA strapping. Designed to comfortably integrate with SCBA facepiece head harness and maintain proper seal with mask.

The Difference is in the Details

Proprietary PGI Gold FR Fabric

Excellent heat, flame and thermal resistance with superior tensile and tear strength for longer wear life. Easy to wash/dry with extremely low shrinkage after repeated launderings. Attractive gold color easily detects soiling to signal cleaning.

Hear the Difference

Unlike polyurethane laminated barrier hoods, BarriAire™ Gold hoods are quiet and allow unrestricted hearing. Polyurethane laminated hoods are loud and make a crackling noise with virtually every movement, adversely affecting communication and situational awareness.

Exceptional Breathability and Comfort

PGI's BarriAire™ Gold hoods have excellent breathability, reducing the potential for heat stress while pulling moisture away from the skin to the outer shell where it can evaporate, keeping you drier, whereas polyurethane laminated particulate barrier hoods lock in moisture and air.

Serpentine Quilting

Engineered with a serpentine quilt pattern, which spreads stitching stress across the fabric reducing puckering and distortion while maintaining the fabric's flexibility, softness, and comfort.

Viral and Bacterial Filtration Efficiency

PGI quilted BarriAire composite fabric achieved Viral Filtration Efficiency (VFE) Rating of 96.8% and Bacterial Filtration Efficiency (BFE) Rating of 97.9% [as conducted by Nelson Labs, U.S.A.].

Fabric Performance Values

NFPA 1970 Requirements

BarriAire™ Gold

Particulate Efficiency

Quilted Composite

- Lowest Average as Received
- Lowest Average after 10 Launderings
- Seam at Crown and Panels
- Lowest Average as Received
- Lowest Average after 10 Launderings
- Seam at Drape Attachment
- Lowest Average as Received
- Lowest Average after 10 Launderings

≥ 90%

≥ 90%

≥ 90%

≥ 90%

≥ 90%

≥ 90%

97.4%

97.3%

95.5%

98.4%

95.7%

97.5%

Thermal Protective Performance (TPP)

20.0 (min)

25.7

Total Heat Loss (THL)

≥ 325 W/m²

379.5 W/m²

Flame Resistance Test - Quilted Composite

After Flame (Wales x Courses)

- As Received
- After 5 Washings
- Char Length (Wales x Courses)
- As Received
- After 5 Washings

≤ 2.0 sec

≤ 2.0 sec

≤ 100 mm

≤ 100 mm

0.3 sec x 0.7 sec

1.3 sec x 1.0 sec

27 mm x 4 mm

7 mm x 3 mm

Cleaning Shrinkage Resistance Test

Hood Measurement

- After 5 Washings
- Face Opening Measurement
- After 5 Washings

≥ -5.0%

Meets Requirement

0.7%

YES

Heat & Thermal Shrinkage Resistance Test

Hood Measurement

- As Received
- After 5 Washings
- Face Opening Measurement
- As Received
- After 5 Washings

≥ -10%

≥ -10%

Meets Requirement

Meets Requirement

-1.8%

-0.3%

YES

YES

Seam Breaking Strength Test

- Crown and Panels
- Drape Attachment

≥ 181 N

≥ 181 N

1389 N

1139 N

Hood Material Burst Strength

≥ 225 N

1352 N

Melt or Drip When Exposed to Flame

No Melting or Dripping

NONE



UL Certified to NFPA 1970:2025 Standard on Protective Ensembles for Structural and Proximity Firefighting



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PPE REDEFINED

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