

The **ONLY** Particulate Barrier Hood that **Feels** Barrier-less

COBRA™
BarriAire
Particulate Barrier Technology
GOLD HOODS



Can less really be more? Only if it's a COBRA™ BarriAire™ Gold Hood. Fact is, in wear trials firefighters found the weight, breathability and feel comparable to that of a traditional hood. Additionally, BarriAire Gold Hoods are not loud like PTFE laminated hoods, which can adversely affect a firefighter's ability to communicate and situational awareness. And, BarriAire Gold Hoods offer more protection from harmful particles and contaminants in the areas that pose greatest risk of exposure. BarriAire Gold Hoods combine an outer layer of PGI proprietary gold FR fabric and an inner layer of ultra-lightweight, DuPont™ Nomex® Nano Flex fabric, which can inhibit penetration of many small size harmful particles. BarriAire Gold Hoods combine superior comfort, increased protection and maximum durability. Your fire hood is an investment in your health and safety — go for the gold, BarriAire Gold Hoods only from PGI.

PPE REDEFINED





3979471
Complete Coverage

3979471-1
Critical Coverage

3979471 Complete Coverage:

Particulate coverage includes entire head except for Sure-Fit™ panel at crown. Front and back bib extends particulate barrier coverage beyond critical areas as identified by NFPA - Maximum Protection.

3979471-1 Critical Coverage:

Particulate coverage from base of the neck and around entire head except for Sure-Fit™ panel at crown. All critical areas of particulate penetration as identified by NFPA have particulate barrier.



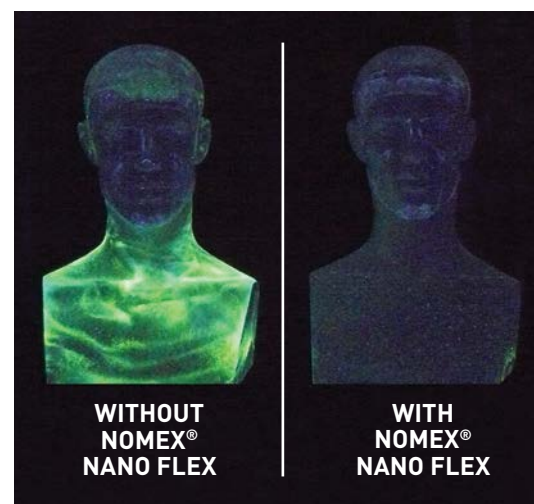
Certified to NFPA 1971 - Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting - Current Edition

EN13911: 2017
 Certification Pending

The Difference is in the Details

- Proprietary PGI gold FR fabric for excellent heat, flame and thermal resistance with superior tensile and tear strength for longer wear life
- Lightweight with exceptional breathability, weight similar to hoods without a particulate barrier
- Unlike laminated PTFE barrier hoods, BarriAire™ Gold Hoods are quiet and allow excellent hearing. Laminated PTFE hoods are annoyingly loud making a crackle noise with virtually every movement, adversely affecting communication and situational awareness
- Uniquely quilted to stabilize and enhance particulate barrier durability
- Exceeds industry standards of blocking 90 percent of particles between 0.1 and 1.0 microns in size
- Inner fabric engineered to wick moisture from skin, through fabric, to outer shell where it evaporates for a drier more comfortable experience
- Outer shell fabric features a proprietary DWR finish which allows hood to dry 2x-3x faster than non-treated fabrics, reduces build-up of toxic residue that is easily absorbed by non-treated fabrics and enhances the release of contaminants during washing
- Fabric designed with a softer hand and is hypoallergenic making it more comfortable next to the skin
- Built-in stretch and recovery, to better conform to the head and neck for true one size fits all sizing
- Attractive gold color allows you to detect when the hood's soiled and needs cleaning
- Fabric is inherently static resistant
- Generous cut with a little "ease" built into the design so the hood doesn't fit skin tight — creates a layer of air between the hood and head which improves thermal resistance from flame and heat
- Stronger, less bulky stitching — all sewing and quilting done with CRAQ SPUN® AR meta-aramid thread
- Extra-long length (23") front and back, ensures hood stays tucked-in even after laundry shrinkage

Fluorescent Aerosol Screening Test



FAST UV-light photographs without Nomex® Nano Flex (left) and with Nomex® Nano Flex (right) illustrating after particle exposure for the test subject's head and neck; bright yellow areas show where particles penetrated the ensemble.

Above test performed on complete coverage hood without turnout coat. Test was performed at RTI (Test #2322, DOD Test Operations Procedure 10-2-022 modified for head form). These conditions may not be typical of the conditions encountered in actual situations. The results of these tests are only predictions under these specific laboratory conditions. The user is solely responsible for any interpretations of the test data provided by DuPont. DUPONT MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE AND ASSUMES NO LIABILITY IN CONNECTION WITH ANY USE OF THIS INFORMATION. This data is not intended for use by the user or others without expressed written consent of DuPont.

DuPont™
Nomex Nano Flex



P.O. Box 307 ■ 550 Commercial Avenue ■ Green Lake, WI 54941 ■ 800.558.8290 ■ barriairehoods.com