

YOUR FIRE HOOD IS AN INVESTMENT IN YOUR HEALTH & SAFETY



In an effort to aid fire departments with the inspection of their firefighting hoods as well as the Nomex® Nano Flex particulate barrier, the following two-step process is recommended.

STEP 1

Begin by following NFPA 1851 – Current Edition Guidelines for Firefighting Hoods:



6.3.5.2 Hood elements shall be inspected for the following:

1. Soiling
2. Contamination
3. Physical damage such as follows:
 - a. Rips, tears, and cuts
 - b. Thermal damage (charring, burn holes, melting, discoloration of any layer)
4. Shrinkage
5. Loss of material elasticity or stretching out of shape
6. Loss of seam integrity and broken or missing stitches
7. Loss of face-opening adjustment
8. Label integrity and legibility

8.1.1 All repairs shall be performed by the original manufacturer, a verified ISP who has received training, or a member of the organization who has received training.

After completing the NFPA 1851 – Current Edition guidelines for advanced inspection of hood elements, PGI recommends the following for particulate barrier inspection.

STEP 2

1. The 3-ply composite fabric, Nomex® Nano Flex particulate barrier quilted between jersey knit BarriAire Gold fabrics, can be easily inspected with a flashlight for structural integrity to identify rips, tears, and cuts.
2. Please be advised that the quilting holes you see are not detrimental to particulate barrier performance, Nomex® Nano Flex fabric with our quilting blocks more than 95% of particulate which increases to 98% after 20 launderings and remains above 98% through 100 launderings.
3. Any necessary advanced evaluations of Cobra BarriAire Gold hoods shall be conducted by PGI through the return authorization process in accordance with PGI's ISO 9001 certification. Please call Customer Service at 800-558-8290 for all return inquiries.



Nomex® Nano Flex
Good Condition



Nomex® Nano Flex
Overlapped Good Condition



Tear in Nomex® Nano Flex

PPE REDEFINED



800.558.8290
BarriAireHoods.com