

Fire-Dex HOOD CARE



H41 INTERCEPTOR®
made with DuPont®
Nomex Nano Flex

PROPER FIT



PROPER FIT



IMPROPER FIT



IMPROPER FIT



SIZING

- The H41 INTERCEPTOR hood is sized for optimum fit, comfort and protection
- The correct size hood will not feel excessively tight when putting it on or taking it off. It will seal properly around the SCBA face piece with no gaps when looking up or down and will not have excess bunching at the chin or back of neck

PUTTING YOUR HOOD ON

1. Put hood on before putting on turnout coat
2. Slide hood over head by holding the right & left side of hood bib with the face opening forward
3. Stage hood around back of neck so that it doesn't interfere when putting on PPE
4. Ensure front & back bibs lie flat on shoulders so hood will be secured under turnout gear
5. Put on turnout coat and SCBA.
6. Pull hood over SCBA face piece & ensure elastic band sits properly over rubber gasket & covers all areas of face
7. Put on helmet & chinstrap accordingly

TAKING YOUR HOOD OFF

1. Remove helmet according to helmet manufacturer's instruction
2. Pull face opening area of hood away from SCBA & slide the hood down neck
3. Remove SCBA face piece
4. Remove hood by pulling over head
5. If contaminated, clean hood prior to inspection

ROUTINE INSPECTION

INSPECT OUTER KNIT:

- Contaminants
- Physical damage – holes, rips, tears, cuts
- Thermal damage, melting, char, burn spots

INSPECT PARTICULATE BARRIER:

- Quilted hoods using Nomex® Nano Flex maintain high particle blocking efficiency after more than 100 laundries
- Using a bright light source such as a lighted headform, LED flashlight or similar source, shine the light through the hood and look for bright spots that indicate damage to the particulate barrier layer



ASSESSING FIT FOR USE

OUTER LAYER:

- If contaminants are found, hood should be laundered according to NFPA 1851 guidelines
- Hood should be taken out of service if contaminants can't be removed, physical damage (holes, rips, tears, cuts) is found in knit material, and/or thermal damage is found

PARTICULATE BARRIER:

- Studies have been performed to analyze the impact breaches of various sizes have on particulate filtration efficiency (PFE)
- These studies show that small breaches (the size of a dime or smaller) have very little impact on PFE
- The NFPA 1971 – 2018 standard requires particulate barrier hoods to have PFE of 90% or higher
- The hood can have up to 2 breaches the size of a dime in any given panel and still maintain the 90% PFE requirement (see picture for panel identification)
- The hood shall be removed from service if any of the following:
 - 3 or more dime sized breaches are found in a single panel in 2, 3, 5, 7, or 8
 - Any breach larger than a dime is found in panels 2, 3, 5, 7 or 8
 - If 6 or more total breaches are found in panels 2, 3, 5, 7 or 8



PANELS SEPARATED BY SEAMS
(Numbers indicate visible panels:
11 Total)

LAUNDERING

CLEANING RECOMMENDATIONS:

- Wash hood after each use of combustion exposure
- Use a regular, household laundry detergent with pH between 6.0 and 10.5 in the amount specified in the manufacturer's instructions. Never use solvent or chlorine bleach or cleaning agents that contain chlorine bleach
- Don't wash hoods or other PPE with personal items, in home laundry, or at a laundromat. Don't wash hoods with turnout gear outer shells, boots or gloves or any other materials containing velcro or hardware
- Unless otherwise instructed, load machine to 80% of its rated capacity. Overloading will result in inefficient cleaning. Use warm water setting in gentle cycle – not to exceed 105F
- Run an empty cycle to clean machine after wash
- Refer to NFPA 1851 for additional information on recommended detergents and cleaning procedures

DRYING RECOMMENDATIONS:

- Do not dry clean. Tumble dry on low heat setting (do not exceed 105F)
- May also line dry in a well ventilated, shaded area. Do not line dry or store the hood in direct sunlight
- Refer to NFPA 1851 for additional information and recommended methods of drying