



Head  
Protection



Respiratory  
Protection



Fire and Rescue  
Safety



Thermal  
Imaging

## General

### NFPA Compliant Goggles

- Shall interface and function well with all major firefighting helmet designs;
- Shall be certified by an independent test lab to meet the requirements of the NFPA Standard 1971-2000;
- Shall be certified by an independent test lab to meet the requirements of the ANSI Z87.1- 1989 occupational eye protection standard;
- Shall comply with Federal OSHA Standards for industrial eye protection.



## Construction

### Frame

- a. The frame shall be made from a high heat and flame-resistant material, with large perimeter ventilation areas.
- b. The ventilation areas shall be covered with high heat resistant and flame retardant foam for filtration. This ventilation system will allow humid air to escape (essential in eliminating lens fogging), while filtering out dust and particles from incoming air.
- c. The frames must accommodate most prescription eyewear.

### Lens

- a. The lens shall be free of waves, ripples and distortions, exhibiting high level of clarity.
- b. The lens shall be hard coated inside and out for scratch resistance.
- c. The lens shall be anti-fog coated inside and out.
- d. The lens shall be impact resistant, and exceed the U.S. Military .22 caliber ballistic impact test MIL-V-43511C.

### Lens Retention System

- a. 6 posts molded into the frame, which fit securely into the lens cutouts, shall retain the lens. There shall be no small parts used to retain the lens.
- b. The lens shall be easily replaced without tools or special skills.

### Strap System

- a. The goggles shall have 1" wide woven Nomex® elastic straps.
- b. The goggle shall have a quick-adjust strap system that provides secure goggle fit and functions with gloves on.
- c. The goggle shall be attached to the helmet brim by either a permanently attached 2-piece strap system that can be stowed on the front or back of the helmet or attaches to the helmet with a wraparound strap secured to the helmet by a Nomex webbing loop on the rear of the helmet behind the headband.

### Mounting Bracket Systems

- a. Mounting brackets shall clamp securely to the helmet brim with setscrews that do not require drilling holes in a helmet shell.
- b. All mounting brackets shall carry a lifetime warranty.

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