

EYE PROTECTION

NFPA Eye Protection is certified as a component on all NFPA-compliant Cairns Helmets. Cairns' NFPA Goggles and Faceshields offer the following features and benefits:

- High-temperature materials.
- Flame-retardant.
- Easy donning and doffing while wearing gloves.
- Ballistic-grade lens protects against impacts.
- Anti-fog coating on both sides of the lens to ensure visibility.
- Superior anti-scratch coating on both sides of the lens for a longer life.
- Easy lens replacement.

Faceshields

Cairns 4" Tuffshield



Cairns 4" Standard Faceshield



The Cairns 4" Tuffshield, offering superior thermal and scratch resistance, is standard on all Traditional and all Deluxe Configuration Helmets. (ASTM-D648 melting temperature is 345°F.) The Cairns 4" Standard Faceshield is standard on all Modern Helmets. (ASTM-D648 melting temperature is 325°F.)

All Cairns faceshields come supplied with wing protectors for extra face protection. Wing protectors are made of the same fire-proven material found in Cairns' faceshield hardware to provide additional strength at high temperatures.

NFPA 1971-2007 compliant Faceshield for all Cairns Helmets

10071006 4" Tuffshield, with Wing Protectors

NFPA 1971-2007 compliant Faceshields for Modern Helmets only

10037315 4" Standard Faceshield with Wing Protectors
S806CP 6" Standard Faceshield with Wing Protectors

Defender® Visors



Amber Tuffshield



Clear



*Mirrored**



*Smoke**

Defender Visors offer eye protection from dust, dirt, and grit; their exclusive integral design is retractable for the ultimate in compact convenience. Sleek and attractive construction allows fast, easy raising and lowering of the visor even with gloved hands. Standard clear and amber Tuffshield visor options are NFPA-compliant.



Defender Visor in deployed position



Defender Visor in stowed position

Defender Lens Assemblies

10077117 Clear Replacement Defender Visor Lens
10077118 Amber Tuffshield Replacement Defender Visor Lens
10077119 Smoke Replacement Defender Visor Lens*
10077120 Mirrored Replacement Defender Visor Lens*

* Non NFPA-compliant

Goggles

Cairns ESS Firefighters Goggles

MSA's ESS/Innerzone series of NFPA-compliant firefighters' goggles are certified by an independent test lab to meet the performance requirements of the NFPA Standard 1971-2007, including the test for exposure to 500° F for 5 minutes. We offer four styles of ESS goggles (differentiated by attachment system):



The **Cairns ESS Goggle System** has a wrap-around strap that attaches to the back of the helmet with a D-Ring fastener.



The **Innerzone 1** model attaches to structural helmets. A unique two-piece strap and mounting bracket system interfaces with all structural helmets.



The **Innerzone 2** model has a snap-on/snap-off attachment to structural helmets. The low-profile post design works with all structural firefighting helmets.



The **Innerzone 3** Goggle has a wrap-around strap that attaches to the back of the helmet with two adhesive-backed hook & loop tabs.

Cairns ESS Firefighters Goggles

S550P	Cairns ESS Goggle
S555P	Cairns ESS Goggle Tear Off Lens Covers (6 pack)
S556P	Cairns ESS Goggle Replacement Lens
S953P	Goggle Hardware Assembly (Strap Retaining Tabs)
S548P	ESS Innerzone1 and Hardware
10029701	Innerzone1 Hardware only
S549P	ESS Innerzone2 and Hardware
10029700	Innerzone 2 Hardware only (Old Style)
10032882	ESS Innerzone 3
10059814	ESS 1 and 2 Replacement Strap Kit
10059535	Cairns ESS Stealth Sleeve
10064534	Cairns ESS Replacement Strap Kit
10052896	Innerzone 2 Low Profile
10101681	Goggle System & Hardware (for 360-R & 360-R 13)
10101682	Cairns ESS Goggle Replacement