



ESS (Eye Safety Systems)
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BUILT FOR BATTLE. TOUGH FOR LIFE.™

Photo courtesy U.S. DoD.

ESS EYE PRO IS BATTLEFIELD PROVEN.

Military personnel worldwide rely on ESS. Their brave deeds feed our passion for combining performance, style, and safety throughout our line of advanced eyewear. ESS Eye Pro exceeds the most stringent military testing standards and is the only brand of eye protection issued to all branches of the U.S. Department of Defense.

Trust ESS for battle-proven toughness and innovations born from unyielding research in military eye protection. Our strong warranty, unique **Lens Contingency Program™**, and stand-alone replacement parts are all built-in assurances that your eye pro can withstand your demanding lifestyle. ESS helps keep you on target and your eyes protected.

DAMAGED YOUR ESS LENSES? NO PROBLEM.

With the **ESS Lens Contingency Program™**, there's a one-time remedy for the scratched-lens blues: for every pair of lenses that you buy, you can get 50% off the retail price of a new set of lenses. Simply replace your damaged goods with a like-kind lens and put your eye pro back into action. If you're hard on your gear, the Lens Contingency Program™ is like a new lease on sunglass life. For details visit, www.esseyepro.com/contingency

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These products may be covered by one or more U.S. Patents, as found on www.esseyepro.com/patents.
Front and back Cover photos courtesy U.S. DoD.

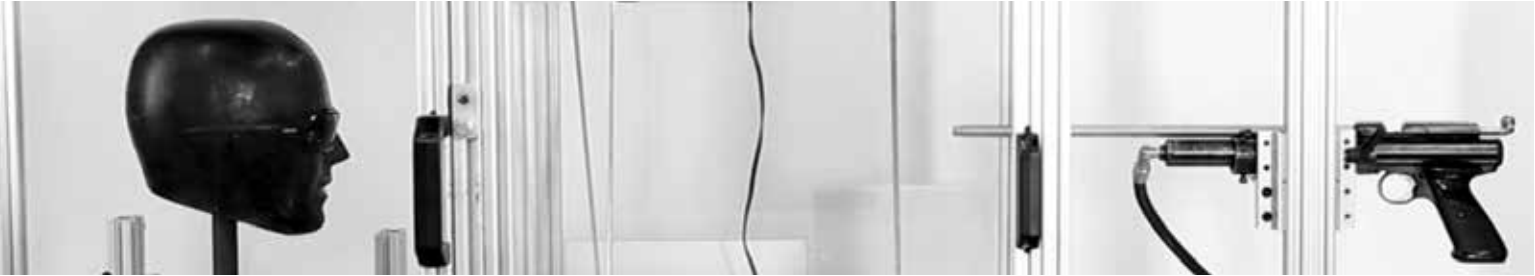
SUNGLASSES

EYESHIELDS

MILITARY GOGGLES

FIRE GOGGLES

IMPACT SPECIFICATIONS



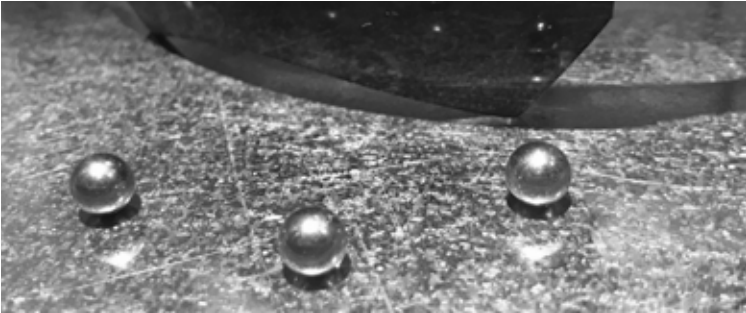
HIGH VELOCITY IMPACT

ESS protective eyewear surpasses the test for high-velocity impact protection as defined by the American National Standards Institute (ANSI). Per ANSI Z87.1, a quarter-inch steel ball is shot from three different heights, and at seven different angles. To pass the high-velocity test, no contact between the lens and eye is permitted during impact. In addition, no frame parts or lens fragments may be ejected during impact.

HIGH MASS IMPACT

ESS protective eyewear also surpasses the protection requirements for high-mass impact. Within ANSI Z87.1, the high-mass impact test requires that the lens be hit by a 500-gram metal spike (over a pound of weight) dropped from a height of 51.2 inches (over four feet). To pass the test, no frame parts or lens fragments may be ejected during impact.

ANSI Z87.1 HIGH VELOCITY IMPACT TESTING



Spectacle - Minimum Velocity

.25 in diameter steel ball 150 Ft/sec

Goggle - Minimum Velocity

.25 in diameter steel ball 250 Ft/sec

U.S. MIL SPEC MIL-PRF-32432 STANDARDS

CHISEL TIP PROJECTILES USED IN MIL SPEC TESTING.



SPECTACLES STANDARD

.15 caliber (at 640-660 ft/sec)

GOGGLES STANDARD

.22 caliber (at 550-560 ft/sec)

U.S. MIL SPEC MIL-PRF-32432

ESS protective eyewear surpasses the safety and ballistic testing standards found in MIL-PRF-32432. The U.S. military standard requires that ballistic eyewear must be able to withstand up to:
.15 caliber at 640-660 ft/sec for spectacles
.22 caliber at 550-560 ft/sec for goggles.

WHAT HAPPENS TO ANSI RATED EYE PRO WHEN IT IS TESTED TO THE MIL-SPEC STANDARD?
SEE THE VIDEO AT ESS'S YOUTUBE CHANNEL: www.youtube.com/ESSEyePro

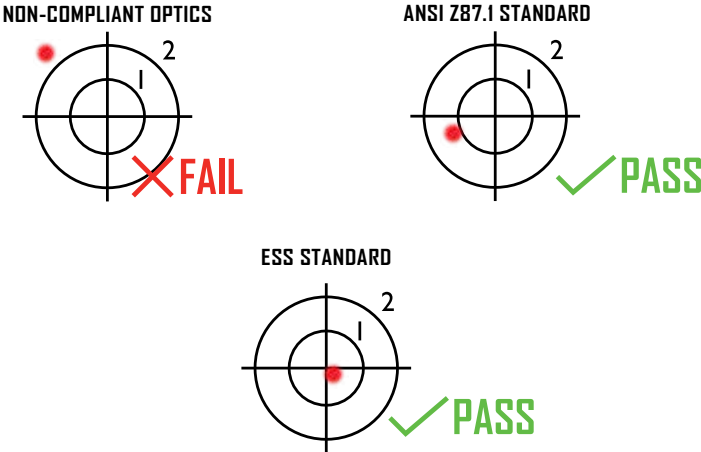
THE US MILITARY STANDARD IS OVER 6 TIMES THE KINETIC ENERGY LEVEL OF ANSI Z87.1 TESTING STANDARD. ESS EYE PRO EXCEEDS U.S. MILITARY STANDARDS.



ESS OPTICAL CLARITY

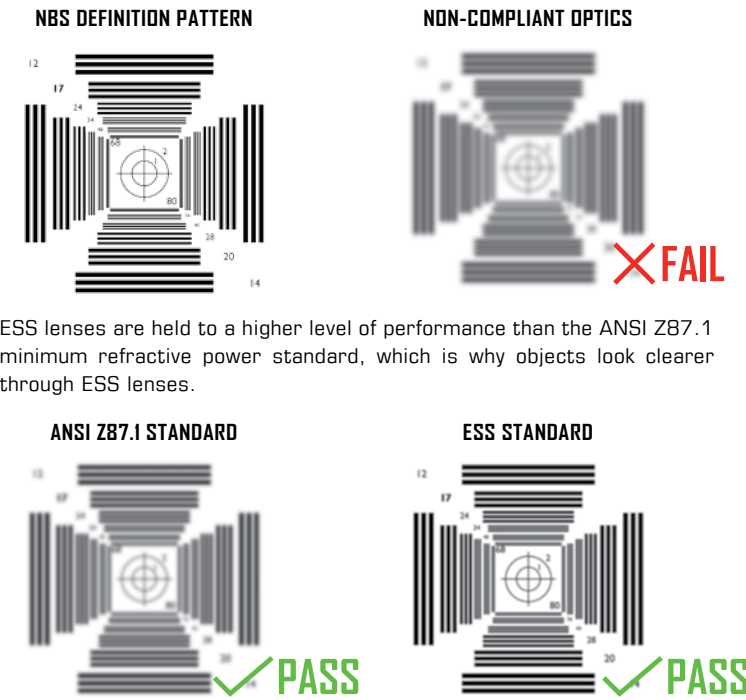
ESS SURPASSES ANSI STANDARDS FOR OPTICS

PRISMATIC POWER ANSI Z87.1 OPTICS TEST #9.5
Prismatic Power is the measurement of how much light bends through a lens. The effect of excessive prism is that objects viewed through a lens aren't actually where they appear to be. The test also measures the prism imbalance in the left and right sides of the lens, which causes the eyes to fatigue as they work to overcome the artificial "double vision" induced by an unbalanced lens.



A laser fixture is set up 30 feet from the NBS target and is fired through each lens at the target. The better the optics, the less bending of the laser beam is observed; a lens without induced prism will allow the laser's path to continue directly at the center of the NBS target. Bear in mind when viewing the amount of prism that the effects of the distortion are more significant at distances greater than 30 feet.

REFRACTIVE POWER ANSI Z87.1 OPTICS TEST #9.4
Lens refraction is a measure of what many people refer to as distortion or blurriness. The ANSI Z87.1 Refractive Power test requirements allow for a moderate amount of refraction in a safety lens. The lines in the NBS Definition Pattern are used to measure this lens characteristic.



LENS CHART

(VLT) - VISIBLE LIGHT TRANSMITTANCE

Visible Light Transmittance (VLT) represents the percentage of light that passes through a lens. For example, a lens with a VLT of 23 admits 23% of visible (non-UV) light, filtering out the remaining 77%. The lower the VLT, the darker the lens. Regardless of VLT, all ESS lenses provide 100% UVA/UVB protection.



CROWBAR™

INTERCHANGEABLE-LENS SUNGLASS



PRODUCT DESCRIPTION

Meet the lightweight and durable Crowbar™ interchangeable-lens sunglass from ESS. Featuring a frameless bottom lens design and innovative Lens Gate™ that makes lens exchanges quicker and field of view greater than ever. The military-grade polycarbonate lens material delivers crisp optics, plus a broad range of ballistic protection. A light and balanced fit that won't interfere with hats, helmets, hearing pro or comms gear.

Small-to-Medium Fit

LENSES

2.2MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION
ESS TOUGHZONE™ ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

BALLISTIC PROTECTION STANDARDS

U.S. MIL SPEC MIL-PRF-32432, ANSI Z87.1-2015, OSHA & CE EN166
EXCEPT POLARIZED LENSES WHICH MEET ANSI Z87.1-2015 (IMPACT) & OSHA

RAPID LENS EXCHANGE



Crowbar's frameless bottom provides increased field of view,
Lens Gate allows for rapid lens exchange

CROWBAR™ CONFIGURATIONS



CROWBAR™ SILVER LOGO KIT
Black Frame with Silver ESS Logo
Clear & Smoke Gray Lenses
Model #: EE9019-02



CROWBAR™ SUBDUED LOGO KIT
Black Frame with Black ESS Logo
Clear & Smoke Gray Lenses
Model #: EE9019-01



CROWBAR™ TERRAIN TAN KIT
Terrain Tan Frame with Silver ESS Logo
Clear & Smoke Gray Lenses
Model #: EE9019-05

NEW



CROWBAR™ POLARIZED MIRRORRED BLUE KIT
Black Frame with Satin Black ESS Logo
Polarized Mirrored Blue Lenses
Model #: EE9019-11



CROWBAR™ TACTICAL KIT
Black Frame with Black ESS Logo
Clear, Smoke Gray, & Mirrored Copper Lenses
Model #: EE9019-04



CROWBAR™ POLARIZED MIRRORRED GRAY KIT
Black Frame with Silver ESS Logo
Polarized Mirrored Gray Lenses
Model #: EE9019-03

Crowbar Lens Tints	VLT	Model #
Clear	90%	101-315-001
Hi-Def Yellow	85%	101-315-004
Hi-Def Bronze	62%	101-315-005
Mirrored Copper	23%	101-315-008
Smoke Gray	15%	101-315-002
Mirrored Gray	12%	101-315-007
Polarized Mirr. Blue	11%	101-315-006
Polarized Mirr. Gray	9%	101-315-003

ROLLBAR™

INTERCHANGEABLE-LENS APEL SUNGLASS



Photo courtesy U.S. DoD.

PRODUCT DESCRIPTION
The Rollbar™ sunglass from ESS allows for rapid lens exchanges with the auto-locking Rollbar Lens Gate™. The sleek-yet-rugged design is built to excel in the most grueling environments. ESS military-grade polycarbonate lens material delivers crisp optics, plus a broad range of ballistic protection. A balanced fit and low-drag temple arms that won't interfere with hats, helmets, hearing pro or comms gear.
Medium-to-Large Fit

LENSES
2.2MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION
ESS TOUGHZONE™ ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

BALLISTIC PROTECTION STANDARDS
U.S. MIL SPEC MIL-PRF-32432, ANSI Z87.1-2015, OSHA & CE EN166
EXCEPT POLARIZED LENSES WHICH MEET ANSI Z87.1-2015 (IMPACT) & OSHA

RAPID LENS EXCHANGE



The Rollbar's Lens Gate allows lenses to be swapped out swiftly and securely.

ROLLBAR™ CONFIGURATIONS



ROLLBAR™ SUBDUED LOGO
Black Frame with Black ESS Logo
Clear & Smoke Gray Lenses
Model #: EE9018-02



ROLLBAR™ SILVER LOGO
Black Frame with Silver ESS Logo
Clear & Smoke Gray Lenses
Model #: EE9018-03



ROLLBAR™ APEL UNIT ISSUE KIT
Black Frame with Black ESS Logo
Clear & Smoke Gray Lenses
Retail APEL Kit #: EE9018-06
APEL Unit Issue Model #: EE9018-01
NSN #: 4240-01-630-8249



ROLLBAR™ TACTICAL KIT
Black Frame with Black ESS Logo
Clear, Smoke Gray, & Mirrored Copper Lenses
Model #: EE9018-05



ROLLBAR™ TERRAIN TAN
Terrain Tan Frame with Silver ESS Logo
Clear & Smoke Gray Lenses
Model #: EE9018-07

NEW



ROLLBAR™ POLARIZED MIRRORRED BLUE
Black Frame with Silver ESS Logo
Polarized Mirrored Blue Lenses
Model #: EE9018-10

Rollbar Lens Tints	VLT	Model #
Clear	90%	740-0599
Hi-Def Yellow	85%	740-0604
Hi-Def Bronze	62%	101-286-003
Mirrored Copper	23%	740-0602
Smoke Gray	15%	740-0600
Mirrored Gray	12%	740-0601
Polarized Mirr. Blue	11%	101-286-004
Polarized Mirr. Gray	9%	740-0603

Rx Custom Rx Available see page 41 or esseyepro.com/rx

CDI™
INTERCHANGEABLE-LENS SUNGLASS



PRODUCT DESCRIPTION
The lightweight CDI™ sunglass features interchangeable lenses that can be easily swapped for quick adaptation to your environment. No-slip nose pads and temple arms help keep the CDI secure, even when wet. Custom Rx Inserts are also available.
Small-to-Medium Fit

LENSES
2.2MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION
ESS TOUGHZONE™ ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

BALLISTIC PROTECTION STANDARDS
U.S. MIL SPEC MIL-PRF-31013 (CLAUSE 3.5.1.1), ANSI Z87.1-2015, OSHA & CE EN166
EXCEPT POLARIZED PRODUCTS WHICH ONLY MEET ANSI Z87.1-2015 (IMPACT) & OSHA.

CDI MAX™
INTERCHANGEABLE-LENS SUNGLASS



PRODUCT DESCRIPTION
The CDI MAX™ is a larger version of the popular CDI™, offering a wider field of view and broader coverage. As with the original CDI, the CDI MAX can adapt to any light environment by swapping lenses with the Lateral Exchange System™. CDI MAX's 2.4mm Polycarbonate lenses afford you maximum protection.
Medium-to-Large Fit

LENSES
2.4MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION
ESS TOUGHZONE™ ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

BALLISTIC PROTECTION STANDARDS
U.S. MIL SPEC MIL-PRF-31013 (CLAUSE 3.5.1.1), ANSI Z87.1-2015, OSHA & CE EN166

CDI™ & CDI MAX™ CONFIGURATIONS



CDI™ BLACK
Black Frame with Silver ESS Logo
Clear & Smoke Gray Lenses
Model #: 740-0296



CDI™ POLARIZED MIRRORED GRAY
Black Frame with Silver ESS Logo
Polarized Mirrored Gray Lenses
Model #: 740-0529



CDI MAX™ BLACK
Black Frame with Silver ESS Logo
Clear & Smoke Gray Lenses
Model #: 740-0297



CDI™ TERRAIN TAN
Terrain Tan Frame with Silver ESS Logo
Clear & Smoke Gray Lenses
Model #: 740-0458

NEW



CDI™ POLARIZED MIRRORED BLUE
Black Frame with Silver ESS Logo
Polarized Mirrored Blue Lenses
Model #: EE9002-02



CDI MAX™ TERRAIN TAN
Terrain Tan Frame with Silver ESS Logo
Clear & Smoke Gray Lenses
Model #: 740-0457



CDI™ TACTICAL KIT
Black Frame with Silver ESS Logo
Clear, Smoke Gray & Mirrored Copper Lenses
Model #: EE9019-02

CDI Lens Tints	VLT	Model #
Clear	90%	740-0185
Hi-Def Yellow	85%	740-0186
Hi-Def Bronze	62%	101-598-001
Mirrored Copper	23%	740-0188
Smoke Gray	15%	740-0320
Mirrored Silver	14%	740-0187
Mirrored Gray	12%	740-0505
Polarized Mirr. Blue	11%	101-598-002
Polarized Mirr. Gray	9%	740-0319
Rx Custom Rx Available see page 41 or esseyepro.com/rx		
CDI MAX Lens Tints	VLT	Model #
Clear	90%	740-0412
Hi-Def Yellow	85%	740-0413
Hi-Def Bronze	62%	101-623-001
Hi-Def Copper	32%	740-0414
Smoke Gray	15%	740-0415
Mirrored Silver	14%	740-0416

5B™

FIXED LENS SUNGLASS



PRODUCT DESCRIPTION

The ESS 5B™ is far more than just another sunglass. With ballistic lenses, distortion-free optics, and all-day comfort, the 5B™ is the true embodiment of functional, fashionable eye pro. The frame features low-profile temple arms for comfort with over-the-ear hearing protection, hats or helmets.

Medium Fit

LENSES

2.2MM HIGH-IMPACT POLYCARBONATE • 100% UVA/UVB PROTECTION
ESS TOUGHZONE™ ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

BALLISTIC PROTECTION STANDARDS

U.S. MIL SPEC MIL-PRF-32432, ANSI Z87.1-2015, OSHA & CE EN166
EXCEPT POLARIZED LENSES WHICH MEET ANSI Z87.1-2015 (IMPACT) & OSHA

CUSTOMIZABLE Rx PLATFORM



The ESS 5B frame can accommodate custom Rx filled lenses.

See page 41 or visit esseyepro.com/rx

5B™ CONFIGURATIONS



5B™ BLACK SMOKE GRAY

Black Frame
Smoke Gray Lenses
Model #: EE9006-06



5B™ REAPER WOODS SMOKE GRAY

Reaper Woods Camo Frame
Smoke Gray Lenses
Model #: EE9006-12



5B™ TERRAIN TAN SMOKE GRAY

Terrain Tan Frame
Smoke Gray Lenses
Model #: EE9006-05



5B™ BLACK MIRRORED COPPER

Black Frame
Mirrored Copper Lenses
Model #: EE9006-02



5B™ REAPER WOODS MIRRORED COPPER

Reaper Woods Camo Frame
Mirrored Copper Lenses
Model #: EE9006-13



5B™ GRAY MIRRORED GRAY

Gray Frame
Mirrored Gray Lenses
Model #: EE9006-05



5B™ POLARIZED MIRRORED GRAY

Black Frame
Polarized Mirrored Gray Lenses
Model #: EE9006-03



5B™ REAPER WOODS POLARIZED MIRRORED BLUE

Reaper Woods Camo Frame
Polarized Mirrored Blue Lenses
Model #: EE9006-14

CREDENCE™

FIXED LENS SUNGLASS



PRODUCT DESCRIPTION

With Credence™, seeing is believing. This sunglass delivers a hefty dose of performance, protection and style. The broad lens wrap of the Credence provides a wide field of view through distortion-free, military-grade polycarbonate. The frame features low-profile temple arms for comfort with over-the-ear hearing protection, hats or helmets.

Medium-to-Large Fit

LENSES

2.2MM HIGH-IMPACT POLYCARBONATE • 100% UVA/UVB PROTECTION
ESS TOUGHZONE™ ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

BALLISTIC PROTECTION STANDARDS

U.S. MIL SPEC MIL-PRF-32432, ANSI Z87.1-2015, OSHA & CE EN166

CUSTOMIZABLE Rx PLATFORM



The ESS Credence frame can accommodate custom Rx filled lenses.

See page 41 or visit esseyepro.com/rx

CREDENCE™ CONFIGURATIONS



CREDENCE™ BLACK SMOKE GRAY

Black Frame with Silver ESS Logo

Smoke Gray Lenses

Model #: EE9015-04



CREDENCE™ REAPER WOODS SMOKE GRAY

Reaper Woods Camo Frame with Silver ESS Logo

Smoke Gray Lenses

Model #: EE9015-13



CREDENCE™ BLACK MIRRORED BLUE

Black Frame with Silver ESS Logo

Mirrored Blue Lenses

Model #: EE9015-08



CREDENCE™ GRAY MIRRORED COPPER

Black Frame with Copper ESS Logo

Mirrored Copper Lenses

Model #: EE9015-02



CREDENCE™ BLACK MIRRORED COPPER

Black Frame with Copper ESS Logo

Mirrored Copper Lenses

Model #: EE9015-06



CREDENCE™ TERRAIN TAN SMOKE GRAY

Terrain Tan Frame with Silver ESS Logo

Smoke Gray Lenses

Model #: EE9015-14

CROSSBOW®

THE ANTI-FOG APEL EYESHIELD



Photo courtesy U.S. DoD.

PRODUCT DESCRIPTION

Militaries worldwide rely on the Crossbow® as their choice of eye protection. Crossbow's form, fit, and function have raised the bar in eye protection.

Universal Fit

LENSES

2.4MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION
ESS CLEARZONE™ ANTI-FOG/ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

BALLISTIC PROTECTION STANDARDS

U.S. MIL SPEC MIL-PRF-32432, ANSI Z87.1-2015, OSHA & CE EN166
EXCEPT POLARIZED LENSES WHICH MEET ANSI Z87.1-2015 (IMPACT) & OSHA

CROSSBOW® GASKET

Airflow management for your Crossbow® EYESHIELD

NEW



The Gasket insert fits snugly against the wearer's face to create a full seal to protect against wind, dust and airborne debris.
Model #: 101-319-001

Approved by the Navy for all rotary wing operations.

CROSSBOW® CONFIGURATIONS



CROSSBOW® UNIT ISSUE KIT

Black Frame
Clear & Smoke Gray Lenses
APEL Unit Issue Model #: 740-0607
NSN #: 4240-01-630-8327



CROSSBOW® ONE POLARIZED

Black Frame
Polarized Mirrored Gray Lenses
Model #: 740-0494



CROSSBOW® ONE GRAY

Black Frame
Smoke Gray Lens
Model #: 740-0614



CROSSBOW® 2X KIT

Two Black Frames
Clear & Smoke Gray Lenses
Model #: 740-0504
APEL Retail Model #: 740-0386



CROSSBOW® ONE PHOTOCROMIC

Black Frame
Light-Adapting Photochromic Lens
Model #: 740-0546



CROSSBOW® ONE CLEAR

Black Frame
Clear Lens
Model #: 740-0615



CROSSBOW® 2X KIT

Two Terrain Tan Frames
Clear & Smoke Gray Lenses
Model #: 740-0463



CROSSBOW® 3LS KIT

Black Frame
Clear, Smoke Gray & Hi-Def Yellow Lenses
Model #: 740-0387

Crossbow Lens Tints	VLT	Model #
Clear	90%	740-0425
Hi-Def Yellow	85%	740-0423
Hi-Def Bronze	62%	740-0509
Hi-Def Copper	32%	740-0426
Smoke Gray	15%	740-0424
Photochromic	86-24%	740-0452
Polarized Gray	15%	740-0455
Laser Protective (LPL) - Call for details		

EYESHIELDS

SUPPRESSOR™

THE ANTI-FOG EYESHIELD FOR USE WITH HEARING PRO



PRODUCT DESCRIPTION

The Crossbow Suppressor™ is the first spectacle frame designed for use with over-the-ear hearing protection and comms gear. The Suppressor's ultra-thin temple arms help keep noise out and eliminate hot spots by minimizing interference with the padded seal of ear cups.

Universal Fit

LENSES

2.4MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION
ESS CLEARZONE™ ANTI-FOG/ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

BALLISTIC PROTECTION STANDARDS

U.S. MIL SPEC MIL-PRF-32432, ANSI Z87.1-2015, OSHA & CE EN166
EXCEPT POLARIZED LENSES WHICH MEET ANSI Z87.1-2015 (IMPACT) & OSHA

SUPPRESSOR™ Z-BEND GEOMETRY



Ultra-thin temple arms eliminate pressure on wearer's head and help keep noise out by minimizing the effect on the padded seal of ear cups.

SUPPRESSOR™ CONFIGURATIONS



SUPPRESSOR™ 2X+ DELUXE KIT

Black Crossbow Frame & Black Suppressor Frame
Clear, Smoke Gray & Hi-Def Copper Lenses
Model #: 740-0388



SUPPRESSOR™ ONE HDC

Black Suppressor Frame
Hi-Def Copper Lens
Model #: 740-0472



SUPPRESSOR™ 2X KIT

Black Crossbow Frame & Black Suppressor Frame
Clear & Hi-Def Copper Lenses
Model #: 740-0475



SUPPRESSOR™ ONE GRAY

Black Suppressor Frame
Smoke Gray Lens
Model #: EE9007-03



SUPPRESSOR™ 2X KIT

Black Crossbow Frame & Black Suppressor Frame
Clear & Smoke Gray Lenses
Model #: 740-0451



SUPPRESSOR™ ONE CLEAR

Black Suppressor Frame
Clear Lens
Model #: EE9007-04

Crossbow Lens Tints		VLT	Model #
	Clear	90%	740-0425
	Hi-Def Yellow	85%	740-0423
	Hi-Def Bronze	62%	740-0509
	Hi-Def Copper	32%	740-0426
	Smoke Gray	15%	740-0424
	Photochromic	86-24%	740-0452
	Polarized Gray	15%	740-0455
	Laser Protective (LPL) - Call for details		

CROSSHAIR™

ENTRY LEVEL EYESHIELD



PRODUCT DESCRIPTION

This Crosshair™ is an entry level eyeshield that provides all day comfort and universal fit. The Crosshair benefits from complete compatibility with the ESS CrossSeries eyeshield platform for customization in any environment.

Universal Fit

LENSES

2.4MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION
ESS TOUGHZONE™ ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

BALLISTIC PROTECTION STANDARDS

U.S. MIL SPEC MIL-PRF-32432, ANSI Z87.1-2015, OSHA & CE EN166

CROSS-SERIES™ COMPONENTS

The ESS Cross-Series™ is a revolutionary new systems approach to ballistic eye protection. This fully cross-compatible eyeshield platform includes three products: the entry-level Crosshair™ with core performance, the elite Crossbow® with premium anti-fog / anti-scratch lenses, and the adaptable Suppressor™ for use with hearing protection. All Cross-Series™ components and accessories can be interchanged between these three eyeshields. Engage. Adapt. Excel.



CROSSHAIR™ CONFIGURATIONS



CROSSHAIR™ 2X KIT
Two Black Frame Frames
Clear & Smoke Gray Lenses
Model #: EE9014-01
Retail APEL Kit #: EE9014-02



CROSSHAIR™ 3LS KIT
Black Frame
Clear, Smoke Gray & Hi-Def Yellow Lenses
Model #: EE9014-05



CROSSHAIR™ UNIT ISSUE KIT
Black Frame
Clear & Smoke Gray Lenses
APEL Unit Issue Model #: EE9014-11
NSN #: 4240-01-630-6352



CROSSHAIR™ ONE CLEAR
Black Frame
Clear Lens
Model #: EE9014-07



CROSSHAIR™ ONE SMOKE GRAY
Black Frame
Smoke Gray Lens
Model #: EE9014-08

<u>Crosshair Lens Tints</u>	<u>VLT</u>	<u>Model #</u>
Clear	90%	740-0479
Hi-Def Yellow	85%	740-0477
Hi-Def Bronze	62%	740-0481
Hi-Def Copper	23%	740-0478
Smoke Gray	15%	740-0480

CROSSBLADE™ NEW

MODULAR FIT EYESHIELD - REGULAR SIZE



PRODUCT DESCRIPTION

The new ESS Crossblade™ Eyeshield features advanced ClearZone™ Anti-fog coatings plus two different sized lens and nosepiece options to allow for customizable modular fit. With the modular fit system, the Crossblade™ can be set specifically to fit the end user's facial structure.

Universal Fit

LENSES

2.4MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION
ESS CLEARZONE™ ANTI-FOG/ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

BALLISTIC PROTECTION STANDARDS

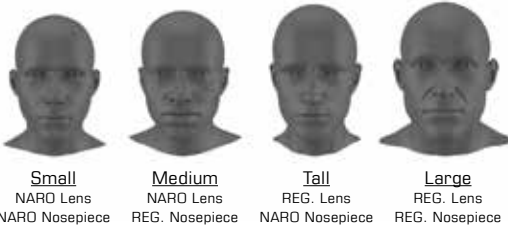
U.S. MIL SPEC MIL-PRF-32432, ANSI Z87.1-2015, OSHA & CE EN166

CROSSBLADE™ NARO NEW

MODULAR FIT EYESHIELD - SMALLER SIZE



CROSSBLADE™ MODULAR FIT SYSTEM



Crossblade's two sizes create a Modular Fit System
(Customizable for multiple facial structures)

CROSSBLADE™ CONFIGURATIONS



CROSSBLADE™ 2X KIT

Two Black Frames
Clear & Smoke Gray Lenses
Regular Model #: EE9032-03
NARO Model #: EE9034-03



CROSSBLADE™ 3LS KIT

Black Frame
Clear, Smoke Gray & Hi-Def Yellow Lenses
Model #: EE9032-07



CROSSBLADE™ ONE GRAY

Black Frame
Smoke Gray Lens
Model #: EE9032-08



CROSSBLADE™ 2X KIT

Two Terrain Tan Frames
Clear & Smoke Gray Lenses
Model #: EE9032-05



CROSSBLADE™ 2X+ KIT

Two Black Frames
Clear, Smoke Gray & Hi-Def Copper Lenses
Model #: EE9032-06



CROSSBLADE™ ONE CLEAR

Black Frame
Clear Lens
Model #: EE9032-09



CROSSBLADE™ UNIT ISSUE KIT

Black Frame
Clear & Smoke Gray Lenses
Regular Model #: EE9032-01
NARO Model #: EE9034-01
Deluxe Kit Model #: EE9032-10*

Crossblade Lens Tints	VLT	Model #
Standard Clear	90%	102-189-004
Standard Hi-Def Yellow	85%	102-189-006
Standard Hi-Def Bronze	62%	102-189-008
Standard Hi-Def Copper	23%	102-189-005
Standard Smoke Gray	15%	102-189-003
NARO Clear	90%	102-190-003
NARO Hi-Def Yellow	85%	102-190-005
NARO Hi-Def Bronze	62%	102-190-007
NARO Hi-Def Copper	23%	102-190-006
NARO Smoke Gray	15%	102-190-004
Replacement Nosepieces	Model #	
Standard Black	102-324-001	
Standard Terrain Tan	102-324-002	
Standard UPLC Black	102-324-003	
NARO Black	102-324-007	
NARO Terrain Tan	102-324-006	
NARO UPLC Black	102-324-008	

CROSSBOW AFT™ NEW

ASIAN FIT ANTI-FOG EYESHIELD



PRODUCT DESCRIPTION

The ESS Crossbow AFT™ is designed specifically to fit Asian facial features. Featuring a flatter lens curve and nosepiece, the geometry of this eyeshield works to improve fit for faces with a shallower nosebridges and higher cheek structure.

Asian Fit

LENSES

2.4MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION
ESS CLEARZONE™ ANTI-FOG/ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

BALLISTIC PROTECTION STANDARDS

U.S. MIL SPEC MIL-PRF-32432, ANSI Z87.1-2015, OSHA & CE EN166

CROSSBOW AFT™ U-Rx KIT



A special Rx nosepiece, carrier and side-shields are included in kit for correct vision and maximum eye protection.

CROSSBOW AFT™ CONFIGURATIONS



CROSSBOW AFT™ 2LS KIT

Black Frame
Clear & Smoke Gray Lenses
Model #: EE9020-01



CROSSBOW AFT™ 3LS KIT

Black Frame,
Clear, Smoke Gray & Hi-Def Yellow Lenses
Model #: EE9020-07



CROSSBOW AFT™ ONE SMOKE GRAY

Black Frame
Smoke Gray Lens
Model #: EE9020-04



CROSSBOW AFT™ ONE SMOKE GRAY TERRAIN TAN

Terrain Tan Frame
Smoke Gray Lens
Model #: EE9020-02



CROSSBOW AFT™ ONE CLEAR

Black Frame
Clear Lens
Model #: EE9020-05



CROSSBOW AFT™ ONE CLEAR TERRAIN TAN

Terrain Tan Frame
Clear Lens
Model #: EE9020-03

Crossbow AF Lens Tints	VLT	Model #
Clear	90%	101-804-001
Smoke Gray	15%	101-804-002
Additional Accessory Items		
Crossbow AF U-Rx kit - Black		102-324-007
Crossbow AF U-Rx kit - Terrain Tan		102-324-008

ICE™ & ICE NARO™

ORIGINAL ESS EYESHIELD



Photo courtesy U.S. DoD.

PRODUCT DESCRIPTION

ESS ICE™ & ICE NARO™ eyeshields offer a unique combination of impact resistance, unrestricted view, and interchangeable lenses for “frameless” eye protection in any light. Reinforced PosiLock™ temples provide a secure and adjustable fit through their pliable earwires and variable-length arms.

ICE NARO is approximately 10% narrower than the standard ICE and is engineered for smaller faces.

Note: ICE™ and ICE NARO™ are not part of the Cross-Series.

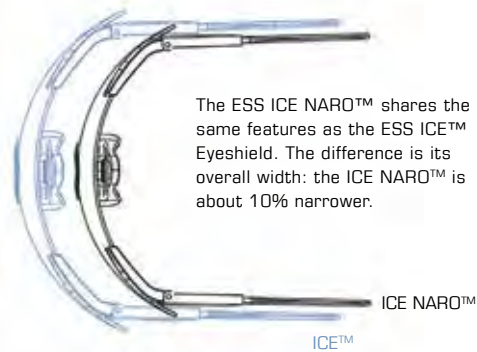
LENSES

2.4MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION
ESS TOUGHZONE™ ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

BALLISTIC PROTECTION STANDARDS

U.S. MIL SPEC MIL-PRF-31013 (CLAUSE 3.5.1.1), ANSI Z87.1 – 2015, OSHA & CE EN166

ICE NARO™ vs. ICE™



The ESS ICE NARO™ shares the same features as the ESS ICE™ Eyeshield. The difference is its overall width: the ICE NARO™ is about 10% narrower.

ICE™ & ICE NARO™ CONFIGURATIONS



ICE™ 2X KIT
Two Black Regular Frames
Clear & Smoke Gray Lenses
Model #: 740-0003



ICE™ TACTICAL KIT
Two Black Regular Frames
Clear, Smoke Gray, & Hi-Def Copper Lenses
Model #: 740-0007



ICE™ ONE SMOKE GRAY
Black Regular Frame
Clear Lens
Model #: 740-0440



ICE™ UNIT ISSUE KIT
Two Black Regular Frames
Clear & Smoke Gray Lenses
Model #: 740-0004



ICE NARO™ 2X KIT
Two Black NARO Frames
Clear & Smoke Gray Lenses
Model #: 740-0001



ICE™ ONE CLEAR
Black Regular Frame
Clear Lens
Model #: 740-0007



ICE™ 3LS KIT
Black Regular Frame
Clear, Smoke Gray & Hi-Def Yellow Lenses
Model #: 740-0020

ICE Lens Tints	VLT	Model #
Clear	90%	740-0071
Hi-Def Yellow	85%	740-0088
Hi-Def Copper	23%	740-0086
Smoke Gray	15%	740-0011
ICE NARO Lens Tints	VLT	Model #
NARO Clear	90%	740-0078
NARO Hi-Def Yellow	85%	740-0077
NARO Hi-Def Copper	23%	740-0080
NARO Smoke Gray	15%	740-0079

INFLUX™

THE ANTI-FOG APEL GOGGLE



PRODUCT DESCRIPTION
By virtually eliminating lens fogging, the ESS Influx™ military goggle allows troops to maintain full situational awareness in dynamic tactical environments. As part of the goggle's patented Adjustable Ventilation System™ (AVS™), the Influx RotoClip™ silently pivots the position of the lens inside the goggle frame: choose either a dust-free, fully-sealed mode, or a fog-free, open-ventilation mode. With Influx™, troops can always see clearly and act fast when seconds count.

LENSES
3MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION
ESS CLEARZONE™ ANTI-FOG/ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

BALLISTIC PROTECTION STANDARDS
U.S. MIL SPEC MIL-PRF-32432, ANSI Z87.1 – 2015, OSHA & CE EN166

ADJUSTABLE VENTILATION SYSTEM (AVS)™



Lens pivots open to create airflow & Clicks shut to seal goggle

INFLUX™ CONFIGURATIONS



INFLUX™ TERRAIN TAN
Terrain Tan Influx Frame
Clear & Smoke Gray Lenses
Model #: EE7018-02
APEL Unit Issue Model #: EE7018-04
APEL Retail #: EE7018-10
NSN #: 4240-01-630-6343

NEW



INFLUX™ ALPENGLOW
White Influx Frame with Fleece Face Foam
Designed for Cold Weather Applications
Clear, Smoke Gray, & Alpenglowl Lenses
Model #: EE9018-23



INFLUX™ BLACK
Black Influx Frame
Clear & Smoke Gray Lenses
Model #: EE9018-01

NEW



AIRBOSS™
Gray Frame
Full Strap with SpeedClips™
Designed for Use on Aircraft Carriers
Clear & Smoke Gray Lenses
Model #: EE9018-20



INFLUX™ FOLIAGE GREEN
Foliage Green Influx Frame
Clear & Smoke Gray Lenses
Model #: EE9018-07

Influx Lens Tints	VLT	Model #
Clear	90%	101-289-002
Hi-Def Yellow	85%	101-289-005
Alpenglowl	26%	101-289-003
Smoke Gray	15%	101-289-001

PIVOT™ SERIES

RAPID ADJUSTABLE STRAP SYSTEM



PRODUCT DESCRIPTION
ESS Pivot™ Series provide a simple and adjustable solution for attaching ESS Influx™ & Profile™ NVG goggles to any helmet equipped with an ESS helmet-post. The Pivot™ strap replaces the standard full elastic strap with two pivoting adjustable side-straps. The Pivot™ goggles can rapidly-affixed in the field while wearing helmet and gloves, easy donning and doffing, multiple secure stowage options, and rapid strap adjustment.

LENSES
2.8 - 3MM HIGH-IMPACT POLYCARBONATE® • INTERCHANGEABLE • 100% UVA/UVB PROTECTION
ESS CLEARZONE™ ANTI-FOG/ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

BALLISTIC PROTECTION STANDARDS
U.S. MIL SPEC MIL-PRF-32432, ANSI Z87.1 – 2015, OSHA & CE EN166

*PROFILE NVG LENSES ARE 2.8MM - INFLUX LENSES ARE 3MM

ESS PIVOT GOGGLE SYSTEM



Pivot™ Series goggles can be mounted to helmets equipped with the Rail Systems. (Appropriate adapter required)

PIVOT™ GOGGLE CONFIGURATIONS

NEW



INFLUX PIVOT™ BLACK
Black Frame with Ops Core® ARC™ Mounting Kit
Clear & Smoke Gray Lenses
Model #: EE7018-18
Black without Mounting Kit
Clear & Smoke Gray Lenses
Model #: EE7018-19



PROFILE PIVOT™ FOR OPS CORE® ARC™
Gray Frame with Ops Core® ARC™ Mounting Kit
Clear & Smoke Gray Lenses
Model #: 740-0516

NEW



INFLUX PIVOT™ TERRAIN TAN
Terrain Tan Frame with Ops Core® ARC™ Mounting Kit
Clear & Smoke Gray Lenses
Model #: EE7018-21
Terrain Tan without Mounting Kit
Clear & Smoke Gray Lenses
Model #: EE7018-22



PROFILE PIVOT™ TW GOGGLE
Gray Frame with Pivot Strap
Clear & Smoke Gray Lenses
Model #: EE9019-05



PROFILE PIVOT™ FOR ACH/MICH
Terrain Tan Frame with Mounting Kit for ACH / MICH
Clear & Smoke Gray Lenses
Model #: 740-0595

<u>Accessory Strap Options</u>	<u>Model #</u>
Influx Gray Pivot Strap Assembly	102-196-001
Influx Gray Pivot Strap	102-196-002
Influx Terrain Tan Pivot Strap Assembly	102-196-003
Influx Terrain Tan Pivot Strap	102-196-004
Profile Gray Pivot Strap Assembly	740-0495
Ops Core Rail Adapter Kit	740-0488

Team Wendy Rail Adapter available at www.teamwendy.com

MILITARY GOGGLES

PROFILE NVG™

LOW PROFILE GOGGLE SERIES



PRODUCT DESCRIPTION

Battle tested in the most demanding theaters, the patented ESS Profile NVG™ is a low-profile, night-vision-compatible goggle authorized and issued by the U.S. Army, USMC, USAF, and numerous NATO governments. The goggle's full-perimeter ventilation and filtration system minimizes lens fogging and filters airborne particles, dust and splashes. Advanced ClearZone™ FlowCoat lenses provide an optimal combination of anti-scratch coatings on the outside of the lens and anti-fog coatings on the inside.

LENSES

2.8MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION
ESS CLEARZONE™ ANTI-FOG/ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

BALLISTIC PROTECTION STANDARDS

U.S. MIL SPEC MIL-PRF-32432, ANSI Z87.1 – 2015, OSHA & CE EN166

PROFILE NVG™ FULL-PERIMETER VENTILATION



Full-perimeter ventilation and filtration system minimizes lens fogging and filters airborne particles, dust and splashes.

PROFILE NVG™ CONFIGURATIONS



PROFILE NVG™ TERRAIN TAN

Terrain Tan NVG Frame
Clear & Smoke Gray Lenses
Model #: 740-0500
APEL Unit Issue Model #: 740-0609
APEL Retail #: 740-0127
NSN #: 4240-01-630-7259



PROFILE TURBOFAN™ BLACK

Black TurboFan Frame
Clear & Smoke Gray Lenses
Model #: 740-0410



PROFILE NVG™ ASIAN FIT

Black Asian Fit Frame
Clear & Smoke Gray Lenses
Model #: 740-0123



PROFILE NVG™ BLACK

Black NVG Frame
Clear & Smoke Gray Lenses
Model #: 740-0499
APEL Unit Issue Model #: 740-0124
NSN #: 4240-01-504-6222



PROFILE NVG™ FOLIAGE GREEN

Foliage Green NVG Frame
Clear & Smoke Gray Lenses
Model #: 740-0501
APEL Unit Issue Model #: 740-0129
NSN #: 4240-01-540-5585

Profile Lens Tints	VLT	Model #
Clear	90%	740-0113
Hi-Def Yellow	85%	740-0121
Hi-Def Bronze	62%	740-0508
Smoke Gray	15%	740-0119
Laser Protective (LPL) - Call for details		
Asian Fit Lens Tints	VLT	Model #
Clear	90%	740-0260
Hi-Def Yellow	85%	740-0258
Smoke Gray	15%	740-0259

STRIKER™ SERIES

MILITARY/TACTICAL GOGGLE SERIES



PRODUCT DESCRIPTION

The ESS Striker™ Series is for use over prescription eyewear. Featuring closed-cell facepadding for superior durability, easy of cleaning and long-lasting comfort. Full-perimeter Hi-Flow™ ventilation & filtration system permits airflow while filtering out airborne particles, air blasts, and splashes. The ESS Land Ops™ is one of the only goggles authorized by the U.S. Army for use over prescription eyewear.

LENSES

2.6MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION
ESS TOUGHZONE™ ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

BALLISTIC PROTECTION STANDARDS

U.S. MIL SPEC MIL-PRF-32432, ANSI Z87.1 – 2015, OSHA & CE EN166

STRIKER™ GOGGLES



Photo courtesy U.S. DoD.

Roomy frame fits over user's prescription glasses.

STRIKER™ CONFIGURATIONS



LAND OPS™ TERRAIN TAN

Terrain Tan Striker Frame
Clear & Smoke Gray Lenses
APEL Retail #: 740-0207
APEL Unit Issue Model #: 740-0206
NSN #: 4240-01-540-5580



LAND OPS™ FOLIAGE GREEN

Foliage Green Striker Frame
Clear & Smoke Gray Lenses
Model #: 740-0502
APEL Unit Issue Model #: 740-0202
NSN #: 4240-01-540-5576



TACTICAL XT™ BLACK

Black Striker Frame
Clear Lens
Model #: 740-0243



FLIGHT DECK™

Gray Striker Frame - Aircraft Carrier Deck Goggle
Clear & Smoke Gray Lenses
Model #: 740-0333
Unit Issue #: 740-0197
NSN #: 4240-01-492-5720



STRIKER™ ASIAN FIT

Black Asian Fit Striker Frame
Clear & Smoke Gray Lenses
Model #: 740-0247

Striker Lens Tints	VLT	Model #
Clear	90%	740-0192
Hi-Def Yellow	85%	740-0315
Smoke Gray	15%	740-0227

STRUCTURAL FIRE SERIES

NFPA 1971 CERTIFIED FIREFIGHTING GOGGLES



PRODUCT DESCRIPTION

ESS Structural goggles can be worn alone, on a helmet, or in conjunction with faceshields or flip-downs. ESS Structural goggles are compliant with NFPA 1971-2013, including the 500°F for 5-minute oven test. The goggle's full-perimeter ventilation and filtration system minimizes lens fogging and filters airborne particles, dust and splashes. The patented Speed-Clip™ strap system facilitates quick strap adjustment, even with gloves on.

LENSES

2.6 -2.8MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION
ESS CLEARZONE™ ANTI-FOG/ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

BALLISTIC PROTECTION STANDARDS

NFPA 1971-2013 EDITION • ANSI Z87.1-2015 • U.S. FEDERAL OSHA

INNERZONE SERIES



The Innerzone™ Structural goggles can accommodate fitting over most prescription eyewear.

FIREPRO 1971™ & INNERZONE™ CONFIGURATIONS



FIREPRO-1971 EX-1™
Gray NFPA Compliant 1971 Frame
2-Piece Strap with Thumb-Screw Mounting Brackets
Model #: 740-0536



FIREPRO-1971 EX-2™
Gray NFPA Compliant 1971 Frame
2-Piece Strap with Snap-On/Snap-Off Mounting Brackets
Model #: 740-0535



FIREPRO-1971 FS™
Gray NFPA Compliant 1971 Frame
With Full Strap and Two Velcro Tabs
Model #: 740-0537








INNERZONE-1™
Gray NFPA Compliant 1971 Frame
2-Piece Strap with Thumb-Screw Mounting Brackets
Model #: 740-0264



INNERZONE-2™
Gray NFPA Compliant 1971 Frame
2-Piece Strap with Snap-On/Snap-Off Mounting Brackets
Model #: 740-0268



INNERZONE-3™
Gray NFPA Compliant 1971 Frame
With Full Strap and Two Velcro Tabs
Model #: 740-0273

Accessory Items	Model #
 FirePro 1971 Clear Lens	740-0585
 Innerzone 1971 Clear Lens	740-0190
 Nomex® Heat Sleeve	740-0228
 Semi-Permanent Bracket	740-0201
 Snap on/ off bracket	740-0251

FIREPRO-1977™

LOW-PROFILE WILDLAND GOGGLE



PRODUCT DESCRIPTION

The ESS FirePro-1977™ goggle series features a low-profile design that prevents helmet interference and increases peripheral vision. The patented Speed-Clip™ system facilitates quick strap adjustment, even with gloves on. All goggle components are heat and flame resistant, including the durable OpFoam™ face padding. All ESS FirePro-1977™ Goggles are certified as compliant with NFPA 1977-2016 Edition, including the 350°F for 5-minute oven test. Tear-Off Lens Covers are available as accessories.

LENSES

2.8MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION
ESS TOUGHZONETM ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICSTM

BALLISTIC PROTECTION STANDARDS

NFPA 1977-2016 EDITION • ANSI Z87.1-2015 • U.S. FEDERAL OSHA

STRIKETEAM™ SERIES

WILDLAND & EXTRACTION GOGGLES



PRODUCT DESCRIPTION

The ESS Striketeam™ Series is a high-performance goggle line intended for Wildland Firefighting, Rescue, and EMS applications. All Striketeam™ models offer the highest level of comfort, optical clarity and impact protection. All goggle components are heat and flame resistant, including the face padding and vent foam. The patented Speed-Clip™ system adapts to all wildland and rescue helmets and facilitates quick strap adjustment, even with gloves on.

LENSES

2.6MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION
ESS TOUGHZONE™ ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

BALLISTIC PROTECTION STANDARDS

ANSI Z87.1-2015 • U.S. FEDERAL OSHA

FIREPRO 1977™ & STRIKETEAM™ CONFIGURATIONS



FIREPRO-1977 FS™

Gray NFPA Compliant 1977 Frame
With Full Strap and Two Velcro Tabs
Model #: 740-0377



STRIKETEAM XTO™

Gray Striker Frame
With Full Strap and Closed-Cell Face Padding
Model #: 740-0283



X-TRICATOR™

Gray Striker Frame
2-Piece Strap with Snap-On/Snap-Off Mounting Brackets
Model #: 740-0287



FIREPRO-1977 EX™

Gray NFPA Compliant 1977 Frame
2-Piece Strap with Snap-On/Snap-Off Mounting Brackets
Model #: 740-0378



STRIKETEAM SJ™

Gray Striker Frame
With Full Strap and Open-Cell Face Padding and Fully-Sealed Vents for Maximum Smoke Resistance
Model #: 740-0235



FIREPRO-1977 AF™

Gray NFPA Compliant 1977 Asian Fit Frame
With Full Strap and Two Velcro Tabs
Model #: 740-0380



STRIKETEAM WF™

Gray Striker Frame
With Full Strap and No Face Padding
Model #: 740-0236

Accessory Items	Model #
FirePro 1977 Clear Lens	740-0562
Innerzone 1971 Clear Lens	740-0190
Nomex® Heat Sleeve	740-0228
Striker tear-offs	740-0246
Semi-Permanent Bracket	740-0201
Snap on/ off bracket	740-0251

RX SUNGLASSES



ROLLBAR™ RX
Black Rollbar Frame
Customizable Interchangeable Rx Lenses



CDI™ RX INSERT**
Customizable Interchangeable Rx Lenses



CREDENCE™ RX
Black & Gray Frames Available
Customizable Fixed Rx Lenses



5B™ RX
Black & Gray Frames Available
Customizable Fixed Rx Lenses

ESS RX FILLING SERVICE is available at www.esseyepro.com/rx

ESS PRESCRIPTION EYEWEAR COMPATIBILITY MATRIX

Rx Compatibility		Influx Goggles Influx Influx Pivot	Profile Series Profile NVG Profile TurboFan Profile Pivot Flight Pro	FirePro Series FirePro 1971 FirePro 1977	Eyeshields Crossbow Suppressor Crosshair ICE & ICE NARO	Crossblade Crossblade	Crossbow Gasket Crossbow Gasket	Crossbow AF Crossbow AF	CDI Sunglass CDI	Sunglasses 5B Credence Rollbar
Model	Rx Range*									
U-Rx Rx Insert	+11/-11	●	●	●	●					
Vice Rx Insert	+6/-6				●					
Crossbow AF Rx	+6/-6							●		
CDI Rx Inserts	+5.5/-6								●	
Rx-Ready Sunglasses	(Varies)									●
U.S. Army UPLC		●	●	●	●	●	●			

*Range of prescription may vary based on the filling service you use. **Use of Rx inserts renders the CDI sunglass non-compliant with MIL-PRF-32432 & ANSI Z87.1.

RX INSERTS



Many ESS products are compatible with Rx inserts which fit behind your eye pro's primary lenses. To identify Rx insert-compatible products, look for the Rx Insert Available symbol or reference the chart on the previous page.



U-RX™ INSERT

The **U-Rx™** Prescription Lens Insert was developed to be the most comprehensive and adaptable Rx solution ever made. This universal Rx carrier is the first to interchange across brands in a wide variety of ESS and Oakley® ballistic eyeshields and goggles. The U-Rx is compatible with the Oakley® Ballistic M-Frame 2.0 / 3.0 and Oakley® SI Ballistic Goggle.



VICE™ RX INSERT

The wire & monofilament-framed **Vice™** Rx Lens Insert snaps into a Crossbow®, Crosshair™, Suppressor™, ICE™, or ICE NARO™ eyeshield for a low-profile, lightweight prescription integration. This allows one prescription carrier to work in multiple products.



If not using ESS Rx Filling Service, ESS strongly recommends the use of Polycarbonate lenses in prescription inserts. Rx filling should always be done in an ANSI-compliant lab. Range of prescription inserts may vary based on the filling service you use.

ESS U.S. NSN LIST

Product Description	Model #	U.S. NSN #
Crossbow Spectacles (Universal Fit)		
Crossbow: Eyeshield w/ Clear & Gray lenses, UPLC Nosepiece & MOLLE Case	740-0607	4240-01-630-8327
Crossbow Replacement Lens: Single-Pack Clear	740-0486	4240-01-587-7512
Crossbow Replacement Lens: Single-Pack Smoke Gray	740-0487	4240-01-587-7516
Crossbow Replacement Lenses: 10-Pack Clear	740-0421	4240-01-583-5748
Crossbow Replacement Lenses: 10-Pack Smoke Gray	740-0420	4240-01-583-5786
Crossbow Replacement Frame: Black	740-0446	4240-01-583-5973
Crossbow Replacement Nosepiece	740-0473	NSN- TBD
Crossbow MOLLE Replacement Case	740-0445	4240-01-583-5969

Crosshair Spectacles (Universal Fit)

Crosshair: Eyeshield w/ Clear & Gray lenses, UPLC Nosepiece & MOLLE Case	EE9014-11	4240-01-630-6352
Crosshair Replacement Lens: Single-Pack Clear	740-0479	4240-01-632-5140
Crosshair Replacement Lens: Single-Pack Smoke Gray	740-0480	4240-01-632-5144
Crosshair Replacement Lenses: 10-Pack Clear	740-0482	4240-01-632-5857
Crosshair Replacement Lenses: 10-Pack Smoke Gray	740-0483	4240-01-632-5864
Crosshair Replacement Frame: Black	600-791-002	4240-01-632-5130
Crosshair Replacement Nosepiece	101-307-001	4240-01-633-4210
Crosshair MOLLE Replacement Case	101-295-001	4240-01-633-3562

Rollbar Spectacles (Universal Fit)

Rollbar Unit Issue: Spectacle w/ Clear & Gray Lenses & MOLLE Case	EE9018-01	4240-01-630-8249
Rollbar Replacement Lenses: Single-Pack Clear	740-0599	4240-01-632-5147
Rollbar Replacement Lenses: Single-Pack Smoke Gray	740-0600	4240-01-632-5164
Rollbar Replacement Lenses: 10-Pack Clear	101-286-002	4240-01-632-5867
Rollbar Replacement Lenses: 10-Pack Smoke Gray	101-286-001	4240-01-632-5874
Rollbar Replacement Frame: Black	600-915-002	4240-01-632-8150
Rollbar Replacement Case	200-236-001	4240-01-633-3547

Products shown with this symbol  are included on the U.S. Army APEL

ICE Spectacles (Regular Size)

ICE-2X: Dual-Eyeshield Premium Kit w/ Clear & Smoke Gray Lenses	740-0004	4240-01-554-5699
ICE Replacement Lenses: 50-Pack Clear	740-0072	4240-01-525-4819
ICE Replacement Lenses: 50-Pack Smoke Gray	740-0087	4240-01-525-5098
ICE Replacement Frame & Nosepiece Kit: Black	740-0082	4240-01-525-5095

ICE NARO Spectacles (Regular Size)

ICE-2X NARO: Dual-Eyeshield Premium Kit w/ Clear & Smoke Gray Lenses	740-0002	4240-01-554-5696
ICE NARO Replacement Lenses: 50-Pack Clear	740-0075	4240-01-549-0863
ICE NARO Replacement Lenses: 50-Pack Smoke Gray	740-0076	4240-01-549-0876
ICE NARO Replacement Frame & Nosepiece Kit: Black	740-0083	4240-01-549-0934

Rx Inserts & Other Accessories

UPLC Adapter, Influx goggle	100-947-001	4240-01-633-4301
UPLC Adapter, Profile NVG Goggle	100-794-001	4240-01-630-2562
UPLC Nosepiece, Crossbow & Crosshair	740-0596	4240-01-630-2574
U-Rx Universal Insert (For Profile, Crossbow, ICE & ICE NARO): Nylon Frame	740-0411	6540-01-584-0170
U-Rx Universal Insert (For Profile, Crossbow, ICE & ICE NARO): 25-Pack	740-0444	6540-01-584-0176
P-2B Rx Insert (For Profile, Crossbow, ICE & ICE NARO): Nylon Frame	740-0310	6540-01-525-4784
Goggle (GNRC) TTAN Replacement Bag	101-312-001	4240-01-633-0955
Microfiber Sunglass Bag	740-0560	4240-01-633-3498
Replacement Semi-Rigid Case (For ICE & ICE NARO): Black	740-0081	4240-01-518-9838
Replacement Elastic Retention Strap, Single	740-0565	4240-01-623-2660
Replacement Elastic Retention Strap, 25-pack	740-0254	4240-01-525-4777
Anti-fog solution, Single	101-314-001	4240-01-633-0950
ClearZone Anti-Fog Wipes: 25-Pack	740-0209	4240-01-525-5107

ESS U.S. NSN LIST

Product Description	Model #	U.S. NSN #
Influx Series Goggles (Universal Fit)		
Influx Goggle w/ UPLC adapter, SpeedSleeve & Case: Tan 499	EE7018-04	4240-01-630-6343
Influx Series Replacement Lens: Single-Pack Clear	101-289-002	4240-01-632-5230
Influx Series Replacement Lens: Single-Pack Smoke Gray	101-289-001	4240-01-632-5237
Influx Series Replacement Lenses: 10-Pack Clear	101-290-002	4240-01-632-6923
Influx Series Replacement Lenses: 10-Pack Smoke Gray	101-290-001	4240-01-632-6927
Influx Goggle Replacement Frame: Tan 499	101-301-001	4240-01-632-8181
Influx Goggle Replacement Strap: Tan 499	101-311-001	4240-01-633-4340
Influx Goggle Replacement SpeedSleeve : Tan 499	101-310-001	4240-01-633-3513

Profile Series Goggles (Universal Fit)

Profile NVG Goggle w/ UPLC adapter, SpeedSleeve & Case: Tan 499	740-0609	4240-01-630-7259
Profile NVG Goggle w/ MultiCam SpeedSleeve : OCP	740-0496	4240-01-604-2788
Profile NVG Goggle w/ SpeedSleeve & Case: Foliage Green	740-0129	4240-01-540-5585
Profile NVG Goggle w/ SpeedSleeve & Case: Black	740-0124	4240-01-504-6222
Flight Pro Goggle: Gray	740-0410	1680-01-602-5906
Profile NVG Replacement Lens: Single-Pack Clear	740-0113	4240-01-587-8420
Profile NVG Replacement Lens: Single-Pack Smoke Gray	740-0119	4240-01-587-7640
Profile NVG Replacement Lens: 10-Pack Clear	101-288-002	4240-01-632-6907
Profile NVG Replacement Lens: 10-Pack Smoke Gray	101-288-001	4240-01-632-6914
Profile NVG Replacement Frame w/ MultiCam SpeedSleeve: OCP	740-0534	4240-01-604-2791
Profile NVG Replacement Frame: Tan 499	600-520-002	4240-01-641-7798
Profile NVG Replacement Frame: Foliage Green	740-0464	4240-01-587-7565
Profile NVG Replacement Frame: Black	740-0465	4240-01-587-7520
Profile NVG Tan 499 Replacement Strap	101-308-001	4240-01-633-4339
Profile NVG Tan 499 Replacement AR Sleeve	101-309-001	4240-01-633-3504

Products shown with this symbol  are included on the U.S. Army APEL

Striker Series Goggles (Universal Fit)

Land Ops Goggle w/ SpeedSleeve & Case: Tan 499	740-0206	4240-01-540-5580
Land Ops Goggle w/ SpeedSleeve & Case: Foliage Green	740-0202	4240-01-540-5576
Vehicle Ops Goggle w/ SpeedSleeve & Case: Black	740-0248	4240-01-525-5101
Flight Deck Goggle: Gray	740-0197	4240-01-492-5720
Land Ops Replacement Lens: Single-Pack Clear	740-0192	4240-01-632-5238
Land Ops Replacement Lens: Single-Pack Smoke Gray	740-0227	4240-01-632-5240
Land Ops Replacement Lens: 10-Pack Clear	101-287-002	4240-01-632-6934
Land Ops Replacement Lens: 10-Pack Smoke Gray	101-287-001	4240-01-632-6936
Striker Series Replacement Lens: 50-Pack Smoke Gray	740-0226	4240-01-492-5725
Striker Series Replacement Lens: 50-Pack Clear	740-0191	4240-01-492-5722
Land Ops Replacement Frame w/ Speed Sleeve Tan 499	740-0467	4240-01-633-3347

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For Customer Service inquiries, please contact ESS at ess@esseyepro.com or visit www.esseyepro.com

Other Purchasing Info:



ESS NATO STOCK NUMBER (NSN) LIST

Product Description	Model		NATO STOCK NUMBER
Crossbow Spectacles			
Crossbow 2LS: Clear, Smoke Gray Lenses & Case	740-0390	4240-01-583-9497	NSPA NLSE
Crossbow 3LS: Clear, Smoke Gray, Hi-Def Yellow Lenses & Case	740-0387	8465-01-583-9799	NSPA NLSE
Crossbow Replacement Lenses: 10-Pack Clear	740-0421	4240-01-583-5748	NSPA NLSE
Crossbow Replacement Lenses: 10-Pack Smoke Gray	740-0420	4240-01-583-5786	NSPA NLSE
Crossbow Replacement Lens: Single-Pack Hi-Def Yellow	740-0423	4240-01-610-5884	NSPA NLSE
Crossbow Replacement Lens: Single-Pack Hi-Def Bronze	740-0509	4240-01-610-5886	NSPA NLSE
Crossbow Rigid MOLLE Replacement Case: Black	740-0445	4240-01-583-5969	
Crossbow Replacement Frame: Black	740-0446	4240-01-583-5973	

Suppressor Spectacles

Crossbow Suppressor 2X: 1 Suppressor, 1 Crossbow & Case	740-0451	4240-01-594-0564	NSPA NLSE
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Crosshair Spectacles

Crosshair 3LS: Black w/ Clear, Smoke Gray, Hi-Def Yellow Lenses & Case	EE9014-05	6930-01-594-0570	NSPA NLSE
Crosshair 2LS: Black w/ Clear, Smoke Gray Lenses & Case	EE9014-04	6930-01-594-0575	NSPA NLSE

ICE Spectacles

ICE-2LS: Clear, Smoke Gray Lenses & Case	740-0015	4240-01-573-1934	NSPA NLSE
ICE-2X: 2 Frames w/ Clear, Smoke Gray Lenses & Case	740-0004	4240-01-554-5699	NSPA NLSE
ICE-3LS: Clear, Smoke Gray, Hi-Def Yellow Lenses & Case	740-0019	4240-01-545-7922	NSPA NLSE
ICE Replacement Lenses: 50-Pack Smoke Gray	740-0087	4240-01-525-5098	NSPA NLSE
ICE Replacement Lenses: 50-Pack Clear	740-0072	4240-01-525-4819	NSPA NLSE
ICE Replacement Frame & Nosepiece Kit: Black	740-0082	4240-01-525-5095	NSPA NLSE

ICE NARO Spectacles

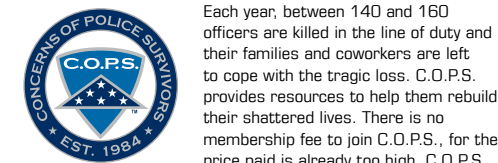
ICE-2 NARO: Clear, Smoke Gray Lenses & Case	740-0008	4240-01-537-6143	NSPA NLSE
ICE-3LS NARO: Clear, Smoke Gray, Hi-Def Yellow Lenses & Case	740-0017	4240-01-545-7923	
ICE NARO Replacement Frame & Nosepiece Kit: Black	740-0083	4240-01-549-0934	
Replacement Semi-Rigid Case (For ICE Series): Black	740-0081	4240-01-518-9838	

Products shown with this symbol  are available on NSPA NLSE:

Product Description	Model		NATO STOCK NUMBER
Sunglasses			
CDI Sunglasses: Clear, Smoke Gray Lenses & Case: Black	740-0296	4240-01-545-7925	NSPA NLSE
CDI MAX Sunglasses: Clear, Smoke Gray Lenses & Case: Black	740-0297	8465-01-583-9788	NSPA NLSE
Profile Series Goggles			
Profile NVG w/ SpeedSleeve & Case: Foliage Green	740-0401	4240-01-573-1926	NSPA NLSE
Profile NVG w/ SpeedSleeve & Case: Black	740-0404	4240-01-573-1936	NSPA NLSE
Profile NVG w/ SpeedSleeve & Case: Black w/ 3 Lenses	740-0397	8465-01-576-7741	NSPA NLSE
Asian-Fit Profile NVG w/ SpeedSleeve & Case: Black	740-0123	8465-01-588-5803	NSPA NLSE
Profile TurboFan Goggle w/ SpeedSleeve & Case: Black	740-0131	4240-01-546-0323	NSPA NLSE
Profile Series Replacement Lenses: 50-Pack Clear	740-0114	4240-01-504-5641	NSPA NLSE
Profile Series Replacement Lenses: 50-Pack Smoke Gray	740-0120	4240-01-504-6143	NSPA NLSE
Striker Series Goggles			
Land Ops Goggle w/ SpeedSleeve & Case: Foliage Green	740-0402	4240-01-573-1930	NSPA NLSE
Vehicle Ops Goggle w/ SpeedSleeve & Case: Black	740-0403	4240-01-573-1931	NSPA NLSE
Flight Deck Goggle: Gray	740-0197	4240-01-492-5720	NSPA NLSE
Striker Series Replacement Lenses: 50-Pack Smoke Gray	740-0226	4240-01-492-5725	NSPA NLSE
Striker Series Replacement Lenses: 50-Pack Clear	740-0191	4240-01-492-5722	NSPA NLSE
Rx Inserts & Other Accessories			
U-Rx Universal Insert (For Profile, Cross-Series & ICE Series): Nylon Frame	740-0411	6540-01-584-0170	NSPA NLSE
U-Rx Universal Inserts (For Profile, Cross-Series & ICE Series): 25-Pack	740-0444	6540-01-584-0176	
P-2B Rx Insert (For Profile, Cross-Series & ICE Series): Nylon Frame	740-0310	6540-01-525-4784	NSPA NLSE
Vice Rx Insert (For Advancer, Cross-Series & ICE Series): Wire Frame	740-0308	6540-01-545-7927	NSPA NLSE
Replacement Elastic Straps (For Cross-Series, ICE Series): 25-Pack	740-0254	4240-01-525-4777	
ClearZone Anti-Fog Wipes: 25-Pack	740-0209	4240-01-525-5107	



CONCERNS OF POLICE SURVIVORS (C.O.P.S.)



is governed by a National Board of law enforcement survivors. All programs and services are administered by the National Office in Camdenton, Missouri. C.O.P.S. has over 50 Chapters nationwide that work with survivors at the grass-roots level. www.nationalcops.org

HIGHER GROUND



programs in the country by the Department of Defense, military medical centers, and veteran service organizations. We serve military personnel and veterans with Traumatic Brain Injuries (TBIs), Post Traumatic Stress (PTS) and other polytrauma. www.highergroundsv.org/military-programs

NATIONAL FALLEN FIREFIGHTERS FOUNDATION



and to provide resources to assist their survivors in rebuilding their lives and work within the fire service community to reduce firefighter deaths and injuries. www.firehero.org

Congress created the National Fallen Firefighters Foundation to lead a nationwide effort to honor America's fallen firefighters. Since 1992, the non-profit Foundation has developed and expanded programs that fulfill that mandate. Our mission is to honor and remember America's fallen fire heroes