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.

1-2 ESS BALLISTIC TESTING • ANSI & MIL SPEC STANDARDS
3-4 ESS OPTICAL STANDARDS HIGHLIGHTED • ESS VLT LENS CHART
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39-40 STREAM™ SERIES GOGGLES
41-42 STRUCTURAL FIRE GOGGLES
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47-48 ESS APEL PRODUCTS • U.S. & INTERNATIONAL NATO NSN’s
49-50 TESTIMONIAL • ESS GIVES BACK

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 list 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.
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 high-velocity impact test requires that the lens be hit by a .25-inch steel ball traveling at a speed of 150 ft/sec. To pass the test, 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.

WHAT HAPPENS TO ANSI-RATED EYE PRO WHEN IT IS TESTED TO THE MIL-SPEC STANDARD?

See the video at the ESS YouTube channel: www.youtube.com/esseyepro

NON-ESS ANSI EYE PRO

Spectacle - Minimum Velocity
.15 caliber at 700-725 ft/sec for spectacles
.22 caliber at 580-590 ft/sec for goggles

Goggle - Minimum Velocity
.25 in diameter steel ball 150 Ft/sec

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.

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

SPECCIES STANDARD
.15 caliber (at 700-725 ft/sec)
.22 caliber (at 580-590 ft/sec)

GOGGLES STANDARD
.25 caliber (at 580-590 ft/sec)

ESS CROSSBOW EYESHIELD

MIL-PRF-32432A STANDARDS

Spectacle - Minimum Velocity
.25 in diameter steel ball 150 Ft/sec

Goggles - Minimum Velocity
.25 in diameter steel ball 250 Ft/sec

ESS protective eyewear surpasses the safety and ballistic testing standards found in MIL-PRF-32432A. The U.S. military standard requires that ballistic eyewear must be able to withstand up to: 15 caliber at 700-725 ft/sec for spectacles, 22 caliber at 580-590 ft/sec for goggles.

CHISEL TIP PROJECTILES USED IN MIL SPEC TESTING.

NON-ESS ANSI EYE PRO

Spectacle - Minimum Velocity
.25 in diameter steel ball 150 Ft/sec

Goggle - Minimum Velocity
.25 in diameter steel ball 250 Ft/sec

CHISEL TIP PROJECTILES USED IN MIL SPEC TESTING.
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.

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.

REFRACTIVE POWER ANSI Z87.1 OPTICS TEST #6.4

Lense 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:

ESS lenses are held to a higher level of performance than the ANSI Z87.1 minimum refractive power standard, which is why objects look clearer through ESS lenses.

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, ESS lenses provide 100% UVA/UVB protection.

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.

HI-DEF BRONZE VLT: 62
For flat to low light. Filters blue light to boost contrast & enhance depth perception in overcast or shaded conditions.

HI-DEF COPPER VLT: 32
For flat to medium light. Improves contrast & depth perception of blues & greens.

MIRRORED COPPER VLT: 23
For flat to bright light. Improves contrast & depth perception of blues & greens, while reflecting glare.

HI-DEF COPPER VLT: 15
For flat to medium light. Improves contrast & depth perception of blues & greens, while reflecting glare.

MIRRORED COPPER VLT: 12
For medium to bright light. An all-purpose dayime lens with unbiased influence on color.

MIRRORED COPPER VLT: 11
For extremely bright light & reflective surfaces. Polarized reflective blue mirrored finish.

PHOTOCHROMIC WL: 50-94
Lense with Light Adapting Technology for all light conditions – Lens goes from dark grey to clear.

QMC
For use indoors or at night. Has no influence on contrast or color.

HI-DEF SILVER VLT: 22
For flat to very low light. A highcontrast lens that helps bring out definition.

HI-DEF COPPER VLT: 12
For medium to extremely bright light. Smaller Smaller to medium sized, mirror coated, lens that reflects glare with unbiased influence on color.

MIRRORED COPPER VLT: 14
For medium to extremely bright light. Similar to the Mirrored Silver, but with a heavier mirrored finish.

MIRRORED COPPER VLT: 13
For medium to extremely bright light. Smaller to medium sized, mirror coated, lens that reflects glare with unbiased influence on color.

POLARIZED MIRRORED COPPER VLT: 11
For extremely bright light & reflective surfaces. Polarized reflective blue mirrored finish.

POLARIZED MIRRORED COPPER VLT: 9
For extremevly bright light & reflective surfaces. Is the most effective at cutting glare, has unbiased influence on color.

SMOKE GRAY VLT: 15
For medium to bright light. An all-purpose daytime lens with unbiased influence on color.

MIRRORED SILVER VLT: 15
For extremely bright light & reflective surfaces. Is the most effective at cutting glare, has unbiased influence on color.

POLARIZED MIRRORED COPPER VLT: 9
For extremely bright light & reflective surfaces. Is the most effective at cutting glare, has unbiased influence on color.

POLARIZED MIRRORED COPPER VLT: 14
For medium to extremely bright light. Similar to the Mirrored Silver, but with a heavier mirrored finish.

POLARIZED SILVER VLT: 12
For medium to extremely bright light. Smaller to medium sized, mirror coated, lens that reflects glare with unbiased influence on color.

MIRRORED SILVER VLT: 14
For medium to extremely bright light. Smaller to medium sized, mirror coated, lens that reflects glare with unbiased influence on color.
PRODUCT DESCRIPTION
Meet the lightweight and durable Crowbar™ interchangeable-lens sunglasses 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.

Medium/Small 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
EXCEPT POLARIZED LENSES WHICH MEET ANSI Z87.1-2015 (IMPACT) & OSHA

INTERCHANGEABLE-LENS BALLISTIC SUNGLASSES
Crowbar’s frameless bottom provides increased field of view.
Lens Gate allows for rapid lens exchange

RAPID LENS EXCHANGE

CROWBAR™ CONFIGURATIONS

CROWBAR® SILVER LOGO KIT
Black Frame with Silver ESS Logo
Clear & Smoke Gray Lenses
Model #: EE9019-13

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

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

CROWBAR® POLARIZED MIRRORED GRAY KIT
Black Frame with Silver ESS Logo
Polarized Mirrored Gray Lenses
Model #: EE9019-05

CROWBAR® TERRAIN TAN KIT
Terrain Tan Frame with Silver ESS Logo
Clear & Smoke Gray Lenses
Model #: EE9079-07

CROWBAR® POLARIZED MIRRORED BLUE KIT
Black Frame with Silver ESS Logo
Polarized Mirrored Blue Lenses
Model #: EE9019-11

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

CROWBAR® MATTE OLIVE KIT
Matte Olive Frame with Silver ESS Logo
Smoke Gray Lenses
Model #: EE9019-14

CROWBAR® POLARIZED MIRRORED BLUE KIT
Black Frame with Silver 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® MATTE NAVY KIT
Matte Navy Frame with Silver ESS Logo
Mirrored Gray Lenses
Model #: EE9019-13

CROWBAR® POLARIZED MIRRORED GRAY KIT
Black Frame with Silver ESS Logo
Polarized Mirrored Gray Lenses
Model #: EE9019-05

CROWBAR® TERRAIN TAN KIT
Terrain Tan Frame with Silver ESS Logo
Clear & Smoke Gray Lenses
Model #: EE9079-07

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

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

CROWBAR® MATTE NAVY KIT
Matte Navy Frame with Silver ESS Logo
Mirrored Gray Lenses
Model #: EE9019-13

CROWBAR® POLARIZED MIRRORED BLUE KIT
Black Frame with Silver ESS Logo
Polarized Mirrored Blue Lenses
Model #: EE9019-11

CROWBAR® TERRAIN TAN KIT
Terrain Tan Frame with Silver ESS Logo
Clear & Smoke Gray Lenses
Model #: EE9079-07

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

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

CROWBAR® POLARIZED MIRRORED GRAY KIT
Black Frame with Silver ESS Logo
Polarized Mirrored Gray Lenses
Model #: EE9019-05

CROWBAR® TERRAIN TAN KIT
Terrain Tan Frame with Silver ESS Logo
Clear & Smoke Gray Lenses
Model #: EE9079-07

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

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

CROWBAR® POLARIZED MIRRORED GRAY KIT
Black Frame with Silver ESS Logo
Polarized Mirrored Gray Lenses
Model #: EE9019-05

CROWBAR® TERRAIN TAN KIT
Terrain Tan Frame with Silver ESS Logo
Clear & Smoke Gray Lenses
Model #: EE9079-07

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

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

CROWBAR® POLARIZED MIRRORED GRAY KIT
Black Frame with Silver ESS Logo
Polarized Mirrored Gray Lenses
Model #: EE9019-05

CROWBAR® TERRAIN TAN KIT
Terrain Tan Frame with Silver ESS Logo
Clear & Smoke Gray Lenses
Model #: EE9079-07

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

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

CROWBAR® POLARIZED MIRRORED GRAY KIT
Black Frame with Silver ESS Logo
Polarized Mirrored Gray Lenses
Model #: EE9019-05

CROWBAR® TERRAIN TAN KIT
Terrain Tan Frame with Silver ESS Logo
Clear & Smoke Gray Lenses
Model #: EE9079-07

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

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

CROWBAR® POLARIZED MIRRORED GRAY KIT
Black Frame with Silver ESS Logo
Polarized Mirrored Gray Lenses
Model #: EE9019-05

CROWBAR® TERRAIN TAN KIT
Terrain Tan Frame with Silver ESS Logo
Clear & Smoke Gray Lenses
Model #: EE9079-07

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

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

CROWBAR® POLARIZED MIRRORED GRAY KIT
Black Frame with Silver ESS Logo
Polarized Mirrored Gray Lenses
Model #: EE9019-05

CROWBAR® TERRAIN TAN KIT
Terrain Tan Frame with Silver ESS Logo
Clear & Smoke Gray Lenses
Model #: EE9079-07

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

CROWBAR® TACTICAL KIT
Black Frame with Black ESS Logo
Clear, Smoke Gray, & Mirrored Copper C...
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/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


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® Sunburst Logo
Black Frame with Black ESS Logo Clear & Smoke Gray Lenses
Model #: EE9018-07

Rollbar® Silver Logo
Black Frame with Silver ESS Logo Clear & Smoke Gray Lenses
Model #: EE9018-09

Rollbar® Tactical Kit
Black Frame with Black ESS Logo Clear, Silver Gray & Mirrored Copper Lenses
Model #: EE9018-04

Rollbar® Polarized Mirrored Gray
Black Frame with Silver ESS Logo Polarized Mirrored Gray Lenses
Model #: EE9018-08

Rollbar® Polarized Mirrored Blue
Black Frame with Silver ESS Logo Polarized Mirrored Blue Lenses
Model #: EE9018-06

Rollbar® Terrain Tan
Terrain Tan Frame with Silver ESS Logo Clear & Smoke Gray Lenses
Model #: EE9018-12

Rollbar® Matte Black
Matte Black Frame with Black ESS Logo Polarized Mirrored Gray Lenses
Model #: EE9018-01

Rollbar® Matte Silver
Matte Silver Frame with Silver ESS Logo Clear & Smoke Gray Lenses
Model #: EE9018-03

Rollbar® Matte Subdued
Matte Black Frame with Black ESS Logo Clear & Smoke Gray Lenses
Model #: EE9018-02

Rollbar® APEL Unit Issue Kit
Black Frame with Black ESS Logo Clear & Smoke Gray Lenses
Model #: EE9018-05

Rollbar® APEL Unit Issue Kit
Black Frame with Black ESS Logo Clear & Smoke Gray Lenses
Model #: EE9018-06

Rx

Custom Rx Available see page 45 or esseyepro.com/rx

Photo courtesy U.S. DoD.
CDI™ INTERCHANGEABLE LENS BALLISTIC SUNGLASSES

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

Medium/Small Fit

LENSES
2.2MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UV/A/A PROTECTION USE TOUCHLN™ ANTI SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

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

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

CDI™ TACTICAL KIT
Black Frame with Silver ESS Logo
Clear, Smoke Gray & Mirrored Copper Lenses
Model #: EE9002-01

CDI™ BLACK
Black Frame with Silver ESS Logo
Clear & Smoke Gray Lenses
Model #: EE9002-04

CDI™ POLARIZED MIRRORED GRAY
Black Frame with Silver ESS Logo
Polarized Mirrored Gray Lenses
Model #: EE9002-03

CDI™ TERRAIN TAN
Terrain Tan Frame with Silver ESS Logo
Clear & Smoke Gray Lenses
Model #: 740-0468

CDI™ MATTE OLIVE
Matte Olive Frame with Silver ESS Logo
Smoke Gray Lenses
Model #: EE9002-05

CDI™ MATTE NAVY
Matte Navy Frame with Silver ESS Logo
Clear & Smoke Gray Lenses
Model #: EE9002-06

CDI™ CONFIGURATIONS

RAPID LENS EXCHANGE
CDI™ lenses can be swapped out swiftly and securely.

BUILT FOR BATTLE. TOUGH FOR LIFE.
www.esseyepro.com

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

CDI™ MATTE OLIVE
Matte Olive Frame with Silver ESS Logo
Smoke Gray Lenses
Model #: EE9002-05

CDI™ MATTE NAVY
Matte Navy Frame with Silver ESS Logo
Clear & Smoke Gray Lenses
Model #: EE9002-06

Photo courtesy U.S. DoD.

CDI™ Lens Tints

- Black
- Hi Def Yellow
- Hi Def Bronze
- Polarized Blue
- Polarized Gray

VLT:
- 90%
- 85%
- 62%
- 23%
- 15%
- 14%
- 12%
- 11%
- 9%

Rx: Custom Rx available see page 45 or visit esseyepro.com/rx
CDI MAX™ INTERCHANGEABLE LENS BALLISTIC SUNGLASSES

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/Large Fit

LENSES
2.4mm High-Impact Polycarbonate • Interchangeable • 100% UV/UVB Protection • Distortion-Free ESSOPTICS™

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

NEW RAPID LENS EXCHANGE
CDI MAX™ lenses can be swapped out swiftly and securely.

CDI MAX™ CONFIGURATIONS

CDI MAX™ BLACK
Black Frame with Silver ESS Logo
Clear & Smoke Gray Lenses
Model #: 740-0490

CDI MAX™ TERRAIN TAN
Terrain Tan Frame with Silver ESS Logo
Clear & Smoke Gray Lenses
Model #: 740-0401

CDI MAX™ MATTE DARK GRAY
Matte Dark Gray Frame with Silver ESS Logo
Smoke Gray Lenses
Model #: 740-0403-10

CDI MAX™ MATTE OLIVE
Matte Olive Frame with Silver ESS Logo
Smoke Gray Lenses
Model #: EE9003-03

CDI MAX™ MATTE DARK GRAY
Matte Dark Gray Frame with Silver ESS Logo
Smoke Gray Lenses
Model #: 740-0403-10

CDI MAX™ MATTE OLIVE
Matte Olive Frame with Silver ESS Logo
Smoke Gray Lenses
Model #: EE9003-03

CDI MAX™ Configurations
CDI MAX™ Lens Tints

- VLT
- Model #
- 740-0410
- 740-0411
- 740-0412
- 740-0413
- 740-0414
- 740-0415
- 740-0416
- 740-0417

- 44 Ool Yellow
- 44 Ool Bronze
- 44 Ool Copper
- Smoke Gray
- Mirrored Silver
- Desert Tan
- Terrain Tan
- Matte Olive
- Matte Dark Gray
- Matte Blue
- Matte Gray
- Matte Black
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% UVAB/UVB PROTECTION

ESE TOUCHVISION™ ANTI SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

BALLISTIC PROTECTION STANDARDS


CUSTOMIZABLE Rx PLATFORM

The ESS 5B frame can accommodate custom Rx filled lenses. See page 45 or visit esseyepro.com/rx

5B™ CONFIGURATIONS

5B™ BLACK SMOKE GRAY

Black Frame

Smoke Gray Lenses

Model #: EE9006-05

5B™ BLACK MIRRORED COPPER

Black Frame

Mirrored Copper Lenses

Model #: EE9006-02

5B™ POLARIZED MIRRORED GRAY

Black Frame

Polarized Mirrored Gray Lenses

Model #: EE9006-03

5B™ TERRAIN TAN SMOKE GRAY

Terrain Tan Frame

Smoke Gray Lenses

Model #: EE9006-15

5B™ POLARIZED MIRRORED GRAY

Gray Frame

Polarized Mirrored Gray Lenses

Model #: EE9006-10

5B™ MATT MATT NAVY

Matte Navy Frame

Polarized Mirrored Gray Lenses

Model #: EE9006-19

5B™ MATT DARK GRAY

Matte Dark Gray Frame

Polarized Mirrored Blue Lenses

Model #: EE9006-18

5B™ MATT ESS TOUGHZONE™ ANTI SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™ 5B™ CONFIGURATIONS
**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/Large Fit

**LENSES**

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

**BALLISTIC PROTECTION STANDARDS**

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

**CUSTOMIZABLE Rx PLATFORM**

The ESS Credence frame can accommodate custom Rx filled lenses. See page 45 or visit esseyepro.com.

**CREDENCE™ CONFIGURATIONS**

**CREDENCE™ BLACK SMOKE GRAY**

Black Frame with Silver ESS Logo

*Model #: EE9015-01*

**CREDENCE™ BLACK SMOKE GRAY**

Black Frame with Black ESS Logo

*Model #: EE9015-04*

**CREDENCE™ BLACK MIRRORED COPPER**

Black Frame with Copper ESS Logo

*Model #: EE9015-06*

**CREDENCE™ BLACK MIRRORED BLUE**

Black Frame with Silver ESS Logo

*Model #: EE9015-08*

**CREDENCE™ TERRAIN TAN SMOKE GRAY**

Terrain Tan Frame with Silver ESS Logo

*Model #: EE9015-14*

**CREDENCE™ BLACK MIRRORED COPPER**

Black Frame with Copper ESS Logo

*Model #: EE9015-02*

**CREDENCE™ BLACK MIRRORED COPPER**

Black Frame with Copper ESS Logo

*Model #: EE9015-06*

**CREDENCE™ MATTE DARK GRAY**

Matte Dark Gray Frame with Silver ESS Logo

*Model #: EE9015-15*
PRODUCT DESCRIPTION
The new ESS CrossBlade™ Eyeshield features advanced ClearZone™ Anti-fog coatings plus two different sized lenses 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. CrossBlade™ and CrossBlade™ NARO are fully U.S. Army UPLC compatible. Additional Rx options are also available page 45.

MEDIUM/LARGE 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-32432A, ANSI Z87.1-2015, OSHA & CE EN166

CROSSBLADE™ MODULAR FIT SYSTEM

CROSSBLADE™ MODULAR FIT CONFIGURATIONS

CROSSBLADE™ 2X KIT
Two Black Frames Clear, Smoke Gray & Hi-Def Copper Lenses Model #: EE9032-03

CROSSBLADE™ 2X TERRAIN TAN KIT
Two Terrain Tan Frames Clear & Smoke Gray Lenses Model #: EE9032-05

CROSSBLADE™ 3LS KIT
Black Frame Clear, Smoke Gray & Hi-Def Yellow Lenses Model #: EE9032-07

CROSSBLADE™ ONE SMOKE GRAY
Black Frame Smoke Gray Lens Model #: EE9032-08

CROSSBLADE™ ONE CLEAR
Black Frame Clear Lens Model #: EE9032-09

CROSSBLADE™ UNIT ISSUE KIT
Black Frame Clear & Smoke Gray Lenses APEL Unit Issue Kit #: EE9032-12
APEL Retail Model #: EE9032-04
NSN #: 4240-01-678-7124

Replacement Components

Model #
Standard Black 103-101-001
Standard Terrain Tan 103-101-002
Standard UPLC Black 103-324-007
Standard UIR Black 103-324-004
PRODUCT DESCRIPTION
The new ESS CrossBlade™ Eyeshield features advanced ClearZone™
Anti-fog coatings plus two different sized lenses 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. CrossBlade™ and CrossBlade™ NARO are fully U.S. Army
UPLC compatible. Additional Rx options are also available page 45.

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-32432A, ANSI Z87.1-2015, OSHA & CE EN166

MODULAR FIT BALLISTIC EYESHIELD - SMALLER SIZE

CROSSBLADE™ NARO CONFIGURATIONS

CROSSBLADE™ NARO 2X KIT
Two Black Frames  NARO Clear & Smoke Gray Lenses
Replacement 102-190-003

CROSSBLADE™ NARO 3/5
Black Frame  NARO Clear & Smoke Gray Lens
Replacement 102-190-003

CROSSBLADE™ NARO ONE SMOKE GRAY
Black Frame  NARO Smoke Gray Lens
Replacement 102-190-003-07

CROSSBLADE™ DELUXE KIT
CrossBlade Standard Kit
CrossBlade Deluxe Kit with Standard Clear & Smoke Gray Lenses
NARO Clear & Smoke Gray Lenses Deluxe Kit Issue Kit NARO # EE9034-02 NSN # 4240-01-678-7130

CROSSBLADE™ NARO ONE CLEAR
Black Frame  NARO Clear Lens
Replacement 102-190-003

CROSSBLADE™ NARO UNIT ISSUE KIT
Black Frame  NARO Clear & Smoke Gray Lenses
APEL Unit Issue Kit NARO # EE9034-05 NSN # 4240-01-678-6068

CROSSBLADE™ NARO UNIT ISSUE KIT
Black Frame  NARO Clear & Smoke Gray Lenses
APEL Unit Issue Kit NARO # EE9034-05 NSN # 4240-01-678-6068

CROSSBLADE™ NARO VS STANDARD
CrossBlade Standard Lens
CrossBlade NARO Lens

PHOTO COURTESY OF U.S. DOJ.
CROSSBOW®
THE ANTI-FOG BALLISTIC EYESHIELD

PRODUCT DESCRIPTION
Militaries worldwide rely on the Crossbow® as their #1 choice for eye protection. Featuring a dedicated FlowCoat lens technology, ESS ClearZone™ is engineered to eliminate fog inside and prevent scratches outside. Crossbow® is fully U.S. Army UPLC compatible. Additional Rx options are also available page 45.

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-32432A, ANSI Z87.1-2015, OSHA & CE EN166
EXCEPT POLARIZED LENSES WHICH MEET ANSI Z87.1-2015 (IMPACT) & OSHA

THE ANTI-FOG APEL BALLISTIC EYESHIELD
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

CROSSBOW® GASKET
Airframe garment for your Crossbow® Eyeshield

CROSSBOW® CONFIGURATIONS

CROSSBOW® UNIT ISSUE KIT
Black Frame
Clear & Smoke Gray Lenses
Model #: 740-0386

CROSSBOW® ONE POLARIZED
Black Frame
Revo Mirrored Gray Lenses
Model #: 740-0404

CROSSBOW® ONE SMOKE GRAY
Black Frame
Smoke Gray Lenses
Model #: 740-0614

CROSSBOW® ONE CLEAR
Black Frame
Clear Lenses
Model #: 740-0615

CROSSBOW® ONE PHOTOCHROMIC
Black Frame
Light-Adapting Photochromic Lens
Model #: 740-0387

CROSSBOW® ONE POLARIZED
Black Frame
Polarized Mirrored Gray Lenses
Model #: 740-0494

CROSSBOW® ONE SMOKE GRAY
Black Frame
Smoke Gray Lenses
Model #: 740-0614

CROSSBOW® ONE CLEAR
Black Frame
Clear Lenses
Model #: 740-0615

CROSSBOW® ONE/photochromic
Black Frame
Light-Adapting Photochromic Lens
Model #: 740-0387

CROSSBOW® ONE POLARIZED
Black Frame
Polarized Mirrored Gray Lenses
Model #: 740-0494

CROSSBOW® ONE SMOKE GRAY
Black Frame
Smoke Gray Lenses
Model #: 740-0614

CROSSBOW® ONE CLEAR
Black Frame
Clear Lenses
Model #: 740-0615

CROSSBOW® ONE/photochromic
Black Frame
Light-Adapting Photochromic Lens
Model #: 740-0387

CROSSBOW® ONE POLARIZED
Black Frame
Polarized Mirrored Gray Lenses
Model #: 740-0494

CROSSBOW® ONE SMOKE GRAY
Black Frame
Smoke Gray Lenses
Model #: 740-0614

CROSSBOW® ONE CLEAR
Black Frame
Clear Lenses
Model #: 740-0615

PHOTOCHROMIC COATES LENS

VLT
Model #
Clear
740-0387
Hi-Def Yellow
65%
740-0388
Hi-Def Bronze
62%
740-0389
Hi-Def Copper
32%
740-0386
Smoke Gray
15%
740-0384
Photochromic
66-84%
740-0432
Polarized Gray
15%
740-0435

Laser Protective (LPL) - Call for details

APPROVED BY THE U.S. NAVY FOR ALL ROTARY WING OPERATIONS

PHOTO COURTESY U.S. DoD.

BUILT FOR BATTLE. TOUGH FOR LIFE.
TM
www.esseyepro.com

EYESHIELDS
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. Rx options are available see page 45.

Universal Fit

LENSES
2.4MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UV/UVB PROTECTION

ESS CLEARZONE™ ANTI-FOG/ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

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

EXCEPT POLARIZED LENSES WHICH MEET ANSI Z87.1-2015 (IMPACT) & OSHA

EYESHIELDS

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™ 2X KIT
Black Crossbow Frame & Black Suppressor Frame
Clear & Hi-Def Copper Lenses
Model #: 740-0475

SUPPRESSOR™ 2X KIT
Black Crossbow Frame & Black Suppressor Frame
Clear & Smoke Gray Lenses
Model #: 740-0451

SUPPRESSOR™ ONE HDC
Black Suppressor Frame
Hi-Def Copper Lenses
Model #: 740-0472

SUPPRESSOR™ ONE SMOKE GRAY
Black Suppressor Frame
Smoke Gray Lenses
Model #: EE9007-03

SUPPRESSOR™ ONE CLEAR
Black Suppressor Frame
Clear Lenses
Model #: EE9007-04

SUPPRESSOR™ TERRAIN TAN FRAME
Terrain Tan Suppressor Frame
Clear Lenses
Model #: EE9007-05

SUPPRESSOR™ BLACK FRAME
Gray Suppressor Frame
Smoke Gray Lenses
Model #: EE9007-02

SUPPRESSOR™ BLACK FRAME
Black Suppressor Frame
Hi-Def Bronze Lenses
Model #: EE9007-01

SUPPRESSOR™ ONE CLEAR
Black Suppressor Frame
Clear Lenses
Model #: EE9007-04

SUPPRESSOR™ TERRAIN TAN FRAME
Terrain Tan Suppressor Frame
Clear Lenses
Model #: EE9007-05

SUPPRESSOR™ 2X KIT
Black Crossbow Frame & Black Suppressor Frame
Clear & Smoke Gray Lenses
Model #: 740-0451

SUPPRESSOR™ 2X KIT
Black Crossbow Frame & Black Suppressor Frame
Clear & Hi-Def Copper Lenses
Model #: 740-0475

SUPPRESSOR™ ONE CLEAR
Black Suppressor Frame
Clear Lenses
Model #: EE9007-04

SUPPRESSOR™ ONE CLEAR
Black Suppressor Frame
Clear Lenses
Model #: EE9007-04

Ballistic Gray 15% 740-0452

Photochromic 86-24%

Polarized Gray 15% 740-0455

Laser Protective (LPL) - Call for details
The ESS Cross-Series™ is a revolutionary new systems approach to ballistic eye protection. All Cross-Series™ components and accessories can be interchanged between products in this fully cross-compatible eyeshield platform: the entry-level Crosshair™ with core performance, Crossbow® with anti-fog / anti-scratch lenses, the Suppressor™ for use with hearing protection, and CrossBlade™ the latest ESS eyeshield, featuring a modular fit system and premium components. Engage. Adapt. Excel.

**CROSSHAIR™ 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. Crosshair™ is fully U.S. Army UPLC compatible. Additional Rx options are available see page 45.

**Universal Fit**

**LENSES**

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

**BALISTIC PROTECTION STANDARDS**

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

**CROSS-SERIES™ COMPONENTS**

The ESS Cross-Series™ is a revolutionary new systems approach to ballistic eye protection. All Cross-Series™ components and accessories can be interchanged between products in this fully cross-compatible eyeshield platform: the entry-level Crosshair™ with core performance, Crossbow® with anti-fog / anti-scratch lenses, the Suppressor™ for use with hearing protection, and CrossBlade™ the latest ESS eyeshield, featuring a modular fit system and premium components. Engage. Adapt. Excel.

**CROSSHAIR™ CONFIGURATIONS**

**CROSSHAIR™ Z2 KIT**

Black Frame
Clear & Smoke Gray Lenses
Model #: EE9014-08

**CROSSHAIR™ ZLS KIT**

Black Frame
Clear, Smoke Gray & Hi-Def Yellow Lenses
Model #: EE9014-03

**CROSSHAIR™ ONE CLEAR**

Black Frame
Clear Lens
Model #: EE9014-07

**CROSSHAIR™ ZLS TERRAIN TAN KIT**

Terran Tan Frame
Clear, Smoke Gray & Hi-Def Yellow Lenses
Model #: EE9014-09

**CROSSHAIR™ ZLS KIT**

Black Frame
Clear, Smoke Gray & Hi-Def Yellow Lenses
Model #: EE9014-05

**CROSSHAIR™ ZLS TERRAIN TAN KIT**

Terran Tan Frame
Clear, Smoke Gray & Hi-Def Yellow Lenses
Model #: EE9014-09

**CROSSHAIR™ ONE CLEAR**

Black Frame
Clear Lens
Model #: EE9014-07

**CROSSHAIR™ ZLS KIT**

Black Frame
Clear, Smoke Gray & Hi-Def Yellow Lenses
Model #: EE9014-05

**CROSSHAIR™ ZLS TERRAIN TAN KIT**

Terran Tan Frame
Clear, Smoke Gray & Hi-Def Yellow Lenses
Model #: EE9014-09

**CROSSHAIR™ ONE CLEAR**

Black Frame
Clear Lens
Model #: EE9014-07

**CROSSHAIR™ ZLS KIT**

Black Frame
Clear, Smoke Gray & Hi-Def Yellow Lenses
Model #: EE9014-05

**CROSSHAIR™ ONE CLEAR**

Black Frame
Clear Lens
Model #: EE9014-07
**Product Description**

The ESS Crossbow AF™ 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 shallow nosebridges and higher cheek structure.

**Asian Fit**

**Lenses**

- 2.4mm high-impact polycarbonate • interchangeable • 100% UV/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

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

**Crossbow AF® U-Rx Kit**

**Crossbow AF® 2LS Kit**
- Black Frame
- Clear & Smoke Gray Lenses
  - Model #: 102-324-001

**Crossbow AF® 3LS Kit**
- Black Frame
- Clear, Smoke Gray & Hi-Def Yellow Lenses
  - Model #: 102-324-007

**Crossbow AF® One Smoke Gray**
- Terrain Tan Frame
- Smoke Gray Lens
  - Model #: 102-324-03

**Crossbow AF® One Clear**
- Black Frame
- Clear Lens
  - Model #: 102-324-02

**Crossbow AF® One Clear Terrain Tan**
- Terrain Tan Frame
- Clear Lens
  - Model #: 102-324-04

**Crossbow AF® One Smoke Gray Terrain Tan**
- Terrain Tan Frame
- Smoke Gray Lens
  - Model #: 102-324-05

**Crossbow AF® 2LS Kit**

- Black Frame
- Clear & Smoke Gray Lenses
  - Model #: 102-324-01

- Hi-Def Yellow Lenses
  - Model #: 102-324-07

**Additional Accessory Items**

- Crossbow AF® U-Rx kit - Black
  - Model #: 102-324-007

- Crossbow AF® U-Rx kit - Terrain Tan
  - Model #: 102-324-008
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.

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

**LENSES**
- 2.4MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UV-A/UV-B 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

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

**ICE™ 2X UNIT ISSUE KIT**
- Two Black Regular Frames
- Clear & Smoke Gray Lenses
  - Model #: 4440-01-054-0009

**ICE™ 3LS KIT**
- Black Regular Frame
- Clear & Hi-Def Yellow Lenses
  - Model #: 740-0005

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

**ICE™ ONE SMOKE GRAY**
- Black Regular Frame
- Smoke Gray Lens
  - Model #: 740-0004

**ICE™ ONE CLEAR**
- Black Regular Frame
- Clear Lens
  - Model #: 740-0006

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

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

**ICE™ NARO 2X UNIT ISSUE KIT**
- Two Black Regular Frames
- Clear & Smoke Gray Lenses
  - Model #: 740-0007

**ICE™ NARO 3LS KIT**
- Black Regular Frame
- Clear & Hi-Def Yellow Lenses
  - Model #: 740-0003
PRODUCT DESCRIPTION

The ESS Jumpmaster™ is specifically designed for Airborne and other high-speed applications. It is compatible with night vision devices and multiple helmet types with three mission-specific strap configurations. The Jumpmaster features Anti-microbial OpFoam™ face padding which increases comfort & fit. Its 2.6mm polycarbonate lenses provide ballistic protection, ESSOPTICS™ distortion-free optical precision, and ESS ClearZone™ dedicated Anti-Fog and Anti-scratch lens coatings.

LENSES

2.6MM 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

LOW PROFILE BALLISTIC GOGGLE

Aerodynamic Profile for High-Speed Activities

JUMPMASTER™ LOW PROFILE FIT

JUMPMASTER™ CONFIGURATIONS

JUMPMASTER® BLACK

Black Jumpmaster Frame

Black Lens

Model #: EE7035-01

JUMPMASTER® BLACK

Black Jumpmaster Frame

Smoke Gray Lens

Model #: EE7035-02

JUMPMASTER® TERRAIN TAN

Terrain Tan Jumpmaster Frame

Clear Lens

Model #: EE7035-03

JUMPMASTER® TERRAIN TAN

Terrain Tan Jumpmaster Frame

Smoke Gray Lens

Model #: EE7035-04

Jumpmaster® Goggle is cross-compatible with ESS Influx™ Goggle strap.

(Shown with Terrain Tan Pivot Strap)
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™ 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-32432A, ANSI Z87.1-2015, OSHA & CE EN166

INFLUX™ CONFIGURATIONS

<table>
<thead>
<tr>
<th>Lens Description</th>
<th>VLT</th>
<th>Model #</th>
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<tbody>
<tr>
<td>Clear</td>
<td>90%</td>
<td>101-289-002</td>
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<tr>
<td>Hi-Def Yellow</td>
<td>85%</td>
<td>101-289-005</td>
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<tr>
<td>Alpenglow</td>
<td>26%</td>
<td>101-289-003</td>
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<td>Smoke Gray</td>
<td>15%</td>
<td>101-289-001</td>
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<tr>
<td>Laser Protective (LPL)</td>
<td></td>
<td>Call for details</td>
</tr>
</tbody>
</table>

Rx inserts available see page 45 or visit esseyepro.com
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 ESS Pivot™ system enables easy donning and doffing, rapid strap adjustment, and offers multiple secure stowage options in the field even while wearing a helmet and gloves.

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-32432A, ANSI Z87.1-2015, OSHA & CE EN166

RAPID ADJUSTABLE STRAP SYSTEM

ESS Pivot™ Goggle System

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

Rx inserts available see page 45 or visit esseyepro.com

PIVOT™ GOGGLE CONFIGURATIONS

INFLUX PIVOT™ BLACK
Black Frame with Ops Core® ARC™ Mounting Kit
Clear & Smoke Gray Lenses
Model #: EE7018-18

INFLUX PIVOT™ TERRAIN TAN
Terrain Tan Frame with Ops Core® ARC™ Mounting Kit
Clear & Smoke Gray Lenses
Model #: EE7018-22

PROFILE PIVOT™ GRAY
Gray Frame with Clear Gray Lenses
Model #: 740-0516

PROFILE PIVOT™ TEAM WENDY GOGGLE
Gray Frame with Pivot Strap
Clear & Smoke Gray Lenses
Model #: EE7001-01

INFLUX PIVOT™ INFRARED
Infrared Frame with Clear Gray Lenses
Model #: EE7018-19

Profile Pivot Team Wendy Goggle

Profile Pivot Team Wendy Goggle

Profile Pivot Team Wendy Goggle
**Product Description**
Battle tested in the most demanding theaters, the patented ESS Profile NVG™ is a low-profile, night-vision-compatible goggle has been 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/Scratch Lens Coating • Distortion-Free ESSOptics™

**Ballistic Protection Standards**
- U.S. MIL SPEC MIL-PRF-32432A
- 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**

<table>
<thead>
<tr>
<th>Model</th>
<th>Configuration</th>
<th>Frame</th>
<th>Lens Color</th>
<th>Model #</th>
<th>NSN #</th>
<th>Unit Issue Model #</th>
<th>NSN #</th>
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<tbody>
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<td>Black Asian Fit Frame</td>
<td>Clear &amp; Smoke Gray Lenses</td>
<td>740-0501</td>
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<td>Clear &amp; Smoke Gray Lenses</td>
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<td>Black NVG Frame</td>
<td>Clear &amp; Smoke Gray Lenses</td>
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<td>Foliage Green NVG Frame</td>
<td>Clear &amp; Smoke Gray Lenses</td>
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<td>4240-01-630-7259</td>
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**Profile Lens Tints**

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</tr>
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<td>Hi-Def Yellow</td>
<td>65%</td>
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<tr>
<td>Hi-Def Bronze</td>
<td>80%</td>
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<tr>
<td>Smoke Gray</td>
<td>15%</td>
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**Asian Fit Lens Tints**

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<thead>
<tr>
<th>Lens Tint</th>
<th>VLT</th>
<th>Model #</th>
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<tbody>
<tr>
<td>Clear</td>
<td>90%</td>
<td>740-0330</td>
</tr>
<tr>
<td>Hi-Def Yellow</td>
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<tr>
<td>Smoke Gray</td>
<td>15%</td>
<td>740-0359</td>
</tr>
</tbody>
</table>

Rx inserts available see page 45 or visit esseyepro.com/rx
STRIKER™ SERIES
MILITARY TACTICAL GOOGLE SERIES

PRODUCT DESCRIPTION
The ESS Striker™ Series features closed-cell facepadding for superior durability, ease 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™ goggle frame is roomy enough for use over prescription eyewear.

LENS
- 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-32432A, ANSI Z87.1-2015, OSHA & CE EN166

STRIKER™ GOGGLES
Roomy frame fits over user’s prescription glasses.

STRIKER™ CONFIGURATIONS

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Frame Color</th>
<th>Lenses</th>
<th>Model #</th>
<th>Unit Issue Model #</th>
<th>NSN #</th>
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<td>Clear &amp; Smoke Gray</td>
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PHOTO COURTESY U.S. DOD.

STRIKER™ LENS TINTS
- VLT

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<td>Hi-Def Yellow</td>
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<td>Smoke Gray</td>
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www.esseye.com
**PRODUCT DESCRIPTION**

ESS Structural goggles can be worn alone, on a helmet, or in conjunction with facehields or flip-downs. ESS Structural goggles are compliant with NFPA 1971-2018, 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**

2.6MM - 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 1971-2018 EDITION • ANSI Z87.1-2015 • U.S. FEDERAL OSHA

**INNERZONE™ SERIES**

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

**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 Thumb Screw Mounting Brackets
Model #: 740-0268

**INNERZONE-3™**

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

**INNERZONE-2™**

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

**FIREPRO 1971™ & INNERZONE™ CONFIGURATIONS**

**FIREPRO-1971 EX-1™**

Gray NFPA Compliant 1971 Frame
2-Piece Strap with Two Side Arms Mounting Brackets
Model #: 760-0535

**FIREPRO-1971 EX-2™**

Gray NFPA Compliant 1971 Frame
With Side Arms and Snap-On/Snap-Off Mounting Brackets
Model #: 760-0536

**FIREPRO-1971 FS™**

Gray NFPA Compliant 1971 Frame
With Full Strap and Two Velcro Tabs
Model #: 760-0537

**FIREPRO-1971 FS™**

Gray NFPA Compliant 1971 Frame
With Full Strap and Two Velcro Tabs
Model #: 760-0537

**Accessory Items**

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<td>Innerzone 1971 Clear Lens</td>
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<td>740-0228</td>
<td>Nomex® Heat Sleeve</td>
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<td>740-0201</td>
<td>Semi-Permanent Bracket</td>
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<td>740-0251</td>
<td>Snap on/off bracket</td>
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**WILDLAND FIRE SERIES**

**PRODUCT DESCRIPTION**

ESS offers three different Wildland goggle series. The new ESS Influx FirePro-1977™ wildland goggles are Rx compatible, have low-profile frames and feature the patented Adjustable Ventilation System™ AVS, for a dust-free, fully-sealed mode, or a fog-free, open-ventilation mode. The ESS Firepro 1977™ series is based on the ESS Profile NVG™ low profile military goggle and is Rx compatible. The ESS Striketeam™ series is a high volume goggle that fits over prescription eyewear.

**LENSES**

2.6MM -3.0MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION

ESS CLEARZONE™ ANTI-FOG/ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

**BALLISTIC PROTECTION STANDARDS**

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

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**BLACK AND WHITE INFLUX FIREPRO 1977, FIREPRO 1977 & STRIKETEAM CONFIGURATIONS**

**FIREPRO 1977™ ASIAN FIT**

Gray NFPA Compliant 1977 Asian Fit Frame

- Full Strap and Two Velcro Tabs
- Model #: 740-0377

**FIREPRO 1977™ AF**

Gray NFPA Compliant 1977 Asian Fit Frame

- Full Strap and Two Velcro Tabs
- Model #: 740-0380

**STRIKETEAM SJ™**

Gray Striker Frame

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

**STRIKETEAM XTO™**

Gray Striker Frame

- Full Strap and Closed-Cell Face Padding
- Model #: 740-0283

**STRIKETEAM WF™**

Gray Striker Frame

- Full Strap and No Face Padding
- Model #: 740-0236

**FIREPRO-1977™ FIREPRO 1977™ & STRIKETEAM™ CONFIGURATIONS**

**INFLUX FIREPRO-1977™**, **FIREPRO 1977™** & **STRIKETEAM™**

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**ACCESSORY ITEMS**

- **Influx Clear Lens**
- **Firepro 1977 Clear Lens**
- **Incerlens 1971 Clear Lens**
- **Nomex® Heat Sleeve**
- **Striker Tear-Offs**
- **Semi-Permanent Bracket**
- **Snap on/off Bracket**

**Model #**

- **Influx Clear Lens**: 740-0280
- **Firepro 1977 Clear Lens**: 740-0282
- **Incerlens 1971 Clear Lens**: 740-0284
- **Nomex® Heat Sleeve**: 740-0238
- **Striker Tear-Offs**: 740-0246
- **Semi-Permanent Bracket**: 740-0231
- **Snap on/off Bracket**: 740-0251

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**FIRE PRO 1977™ ASIAN FIT**

Gray NFPA Compliant 1977 Asian Fit Frame

- Full Strap and Two Velcro Tabs
- Model #: 740-0380

**FIREPRO-1977™ FIREPRO 1977™**

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

**INFLUX FIREPRO-1977™**

Gray Influx NFPA Compliant 1977 Frame

- With Full Strap and Snap-On/Snap-Off Mounting Brackets
- Model #: EE7018-25

**INFLUX FIREPRO-1977™ EX**

Gray Influx NFPA Compliant 1977 Frame

- 2-Piece Strap with Snap-On/Snap-Off Mounting Brackets
- Model #: EE7018-24

**FIREPRO-1977™™ FIREPRO 1977™™**

- Gray NFPA Compliant 1977 Frame
- 2-Piece Strap with Snap-On/Snap-Off Mounting Brackets
- Model #: 740-0287

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**X-TRICATOR™**

Gray Striker Frame

- 2-Piece Strap with Snap-On/Snap-Off Mounting Brackets
- Model #: 740-0065

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**www.essyepro.com**
### RX SUNGLASSES

- **Profile Series**
  - Profile NVG
  - Profile TurboFan
  - Profile Pivot
  - Flight Pro

- **Influx Goggles**
  - Influx
  - Influx Pivot

- **Crossbow Series**
  - FirePro
  - Crossbow AF
  - Crossbow Gasket
  - Eyeshields

- **Crosshair Series**
  - Suppressor
  - ICE & ICE NARO

- **CrossBlade Series**
  - CrossBlade
  - CrossBlade NARO

- **CDI Sunglass**
  - CDI

### ESS PRESCRIPTION EYEWEAR COMPATIBILITY MATRIX

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<th>Model</th>
<th>Rx Range*</th>
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<th>Vice Rx Insert</th>
<th>Crossbow AF Rx</th>
<th>CBI Rx Inserts</th>
<th>Rx-Ready Sunglasses</th>
<th>U.S. Army UPLC</th>
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<td>CBI Rx Inserts</td>
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*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-32432A & ANSI Z87.1.

### RX INSERTS

- **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 lens brands in a wide variety of ESS and Oakley ballistic eyeshields and goggle. The U-Rx is compatible with the Oakley® Ballistic M-Frame 2.0 / 3.0 and Oakley® SI Ballistic Goggle.
  - Model #: 740-0433

- **VICE™ RX INSERT**
  - The Vice™ Prescription Lens Insert is designed to be used seamlessly with CrossSeries™ Eyeshields, Profile™, and Influx™ Goggle platforms.

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. APEL NSN LIST

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For Customer Service inquiries, please contact ESS at ess@esseyepro.com or visit www.esseyepro.com
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This symbol indicates products available for U.S. and foreign procurement.
**CONCERNS OF POLICE SURVIVORS (C.O.P.S.)**

Each year, between 140 and 160 officers are killed in the line of duty and their families and coworkers are left to cope with the tragic loss. C.O.P.S. provides resources to help them rebuild their shattered lives. There is no membership fee to join C.O.P.S., for the price paid is already too high. 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 grassroots level.

**NATIONAL FALLEN FIREFIGHTERS FOUNDATION**

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 and to provide resources to assist their survivors in rebuilding their lives and work to reduce firefighter deaths and injuries. HG is recognized as one of the premier rehabilitation 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.

**HIGHER GROUND**

HG Military uses therapeutic recreation to facilitate a change in perspective, giving injured service members the physical skills, confidence, and coping strategies necessary for a successful reintegration into their families and home communities. HG is recognized as one of the premier rehabilitation programs in the country by the Department of Defense, military medical centers, and veteran service organizations. HG Military personnel and veterans can find more information at www.highergroundsv.org/military-programs.

**ESS GIVES BACK**

“Dear ESS,

As a Rifle Platoon Sergeant in Southern Afghanistan, I harped on wearing all Personal Protective Equipment (PPE) while on patrol. My entire platoon was equipped with one of your latest products: the ESS Crossbow. I had no idea this emphasis on PPE would save my vision, and the vision of several of my Soldiers.

While conducting dismounted offensive operations my platoon took several casualties as a result of an IED blast. My Weapons Squad Leader received shrapnel wounds to his face, in all areas except those protected by his ESS glasses.

Undoubtedly his vision was saved by your clearly superior product. Additionally, later in my deployment, I was walking in the lead of our formation, clearing our route to our objective. While traveling and investigating a possible IED location, the IED was triggered, and sent the majority of the blast towards my torso and head.

Despite the relative proximity to the blast, I only received minor facial wounds. I owe my eyesight to your product, as the ESS Crossbows I wore took the majority of sand, shrapnel, and debris. Thank you for protecting my platoon and I, and all other warfighters serving our country.”

— PSG Kelly Rogne