

FACT SHEET

Eye and Face Protection

Condor personal protective equipment offers you a wide range of quality gear made to meet or exceed relevant ANSI and OSHA safety standards.



Eye and Face Protection Information

COMPLIANCE

OSHA Standard: 29 CFR 1910.133

General Requirements

The employer shall ensure that each affected employee uses appropriate eye or face protection when exposed to eye or face hazards from flying particles, molten metal, liquid chemicals, acids or caustic liquids, chemical gases or vapors, or potentially injurious light radiation. For additional information on OSHA Standards please visit: www.osha.gov.

ANSI Standard: Z80.3

Lenses that have good Traffic Signal Recognition (TSR) meet transmittance requirements (e.g., being able to distinguish between a green and yellow light in average daylight).

ANSI Standard: Z87.1-2003

Eye and face protection frames and assembly gear must be marked with the manufacturer's mark or logo, along with "Z87" which denotes that it meets impact-resistance standards. For additional information on ANSI Standards please visit: www.ansi.org.

CSA Standard: Z94.3-2002

Eye and face protection that is certified as compliant to Canadian safety standards. For additional information on CSA Standards please visit: www.csa.ca.

PROTECTION OPTIONS

Eyewear

Readers

Goggles

Face Shields

PRIMARY AND SECONDARY PROTECTION

Primary Protection

Eyewear, readers, and goggles.

Secondary Protection

Face Shields.

LENS COATINGS

Uncoated

No lens coating.

Antifog

A coating that prevents lenses from fogging.

Scratch-Resistant

A coating that prevents lenses from scratching.

LENS COLOR OPTIONS

Choose a lens based on color opposites. Blue is the opposite of yellow and red is the opposite of green. Red lenses absorb green light and yellow lenses absorb blue/ultraviolet light.



4VCA8



4JND5



2VKZ7



6PNZ9

Eyewear

Shield the wearer's eyes from certain hazards depending on the spectacle type. Safety glasses are commonly used to provide protection from impact and optical radiation.

SKU NO.	LENS COLOR	LENS COATING	FRAME COLOR
Thunder™			
4VCA8	Silver Mirror	Scratch-Resistant	Black
Condor®			
4JND5	Clear	Scratch-Resistant	Clear

Readers

Provide protection to the wearer's eyes and have built-in magnifying diopters for detail work.

SKU NO.	LENS COLOR	LENS COATING	FRAME COLOR	DIOPTR
Nome™				
2VKZ7	Silver Mirror	Scratch-Resistant	Black	+2.00
Wasko™				
6PNZ9	Clear	Scratch-Resistant	Clear	+1.00



4VCF4



4VCD4



4EZC2



4JND5

Goggles

Fit the face surrounding the eyes in order to shield the eyes from certain hazards. Configurations include direct and indirect ventilation. Direct ventilation allows the direct passage of air. Indirect ventilation excludes the passage of liquids and/or optical radiation. Applications: chemical splash - indirect venting. Protection against particles - direct venting.

SKU NO.	LENS COLOR	LENS COATING	FRAME COLOR	VENTING	STRAP MATERIAL
Platoon™					
4VCF4	Clear	Uncoated	Translucent Green	Direct	Elastic
Condor®					
4VCD4	Gray	Antifog, Scratch-Resistant	Clear	Indirect	Rubber

Face Shields

Shield the wearer's face, or portion of the face, in addition to the eyes. Safety eyewear is required to be worn in conjunction with face shields.

SKU NO.	VISOR MATERIAL	VISOR COLOR	VISOR DIM. (IN)		THICKNESS
			W	H	
Assembly					
4EZC2	PCTG	Clear	16-1/2	8	0.07
Headgear Only					
2AAV4	Ratchet Suspension, Locking Arm System, 4 Position Adjustable Visor Stop				

Readers Diopter Strength Selection Guide

	DIOPTR STRENGTH
Difficult to Read 26 Inches Away	+3.00
Difficult to Read 26 Inches Away	+2.50
Difficult to Read 26 Inches Away	+2.00
Difficult to Read 26 Inches Away	+1.50
Difficult to Read 26 Inches Away	+1.00

- Hold chart 26 inches away from your eyes and remove your corrective lenses (if applicable)
- Read chart beginning at the top and proceed to read every line below until you are unable to clearly see the font.
- Once you have completed this exercise you will choose the correct diopter strength

Note: Set print options to 100%, or full size, and print on 8-1/2 x 11" paper to ensure the chart is printed properly.

LENS COLOR OPTIONS

Choose a lens based on color opposites. Blue is the opposite of yellow and red is the opposite of green. Red lenses absorb green light and yellow lenses absorb blue/ultraviolet light. Eyewear available in colors listed below. Readers available in clear and gray. Goggles and faceshields available in clear.

Clear For general indoor use where impact protection is required.	Gray For outdoor use when sunlight and glare can cause eye strain and fatigue. Provides good color recognition.
Mirror Shades Use outdoors where sunlight and glare cause eye strain and fatigue. "Mirror" coating reflects light, reducing the amount of light that passes through the lens. VLT is 15%.	Amber Blocks the blue portion of the visible light spectrum, creating maximum contrast enhancement, particularly in low light.
Light Blue Use when working around high levels of sodium vapor lighting and glare.	Indoor/Outdoor A clear lens with a slight mirror coating serves the same purpose as a gray lens, yet allows more visible light through the lens. Reduces glare from artificial light.
Dark Green General purpose protection from glare and UV Radiation.	Vermillion Provide excellent low-light visibility and enhance contrast. Enhances visibility of objects against blue and green backgrounds, which makes this lens color ideal for driving or working in forested areas.
Filter Shades Protect against ultraviolet and infrared radiation generated when working with molten metal, and in welding, cutting, soldering, and brazing operations. Shade 5.0 used in certain torch soldering, torch brazing or cutting applications. Absorbs >97.5% of IR radiation. VLT is 2%.	



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