

3M™ SecureFit™ 100 Series Safety Glasses

Description

3M™ SecureFit™ 100 Series Safety Glasses offer a sleek contemporary lens design with proprietary 3M Pressure Diffusion Temple Technology at an economical price point.

Key Features

- Pressure Diffusion Temple (PDT) technology
- Curved temples for enhanced security
- Choice of anti-scratch (AS) or anti-fog/anti-scratch (AF) coatings
- Absorbs 99.9% UVA, UVB, and UVC rays between 200-380 nm
- Sleek, sporty lens shape
- Molded nose bridge
- Weighs less than 1 oz.



3M™ Pressure Diffusion Temple Technology

Eyewear temples self-adjust to a wide range of head sizes, diffusing pressure over the ear and enhancing comfort.

Click on a lens for more information:



Clear

Highest visual acuity and color recognition.



Gray

Reduces overall brightness of visible light.



Amber

Increases contrast by filtering hazy and blue-colored light.



Indoor/Outdoor

Slightly reduces overall brightness of visible light.






Clear Lens SF101AS-BLK Shown

Typical Transmitted/Blocked Light	
Visible Light Transmitted (380 - 780 nm)	93.4%
UVA, UVB, UVC Blocked (200 - 380 nm)	99.9%
Blue Light Transmitted (400 - 700 nm)	89.1%

Regulatory Standards

- ANSI/ISEA Z87.1-2020
- CSA Z94.3-20

Product Markings

- Impact: Z87+
- Ultraviolet Filter Scale: U6
- CSA Compliance: Z94.3 

See last page of this document for details on cleaning, storage or to read User Instructions.

Approximate Weight	
Eyewear	21 g (0.7 oz)
Approximate Physical Dimension	
Lens Width	145 mm
Lens Height	45 mm
Temple Length	128 mm
Material Composition	
Lens	Polycarbonate (clear)
Nosepiece (hard)	Polycarbonate (clear)
Temple	Xylex
Temple Hinge Screw	Zinc-plated steel

Product Number	SAP I.D. Number	3M I.D. Number	UPC	Description	Availability	
					US	Canada
SF101AS-BLK	7100238173	70071733532	50638060428929	3M™ SecureFit™ 100 Series, SF101AS-BLK, Black Temples, Clear Anti-Scratch Lens, 20ea/cs	X	X
SF101AS-BLK	7100238171	70071733599	50638060428998	3M™ SecureFit™ 100 Series, SF101AS-BLK, Black Temples, Clear Anti-Scratch Lens, 100ea/cs	X	X
SF101AF-BLK	7100238174	70071733565	50638060428967	3M™ SecureFit™ 100 Series, SF101AF-BLK, Black Temples, Clear Anti-Fog/Anti-Scratch Lens, 20ea/cs	X	X
SF101AF-BLK	7100238175	70071733607	50638060429001	3M™ SecureFit(TM) 100 Series, SF101AF-BLK, Black Temples, Clear Anti-Fog/Anti-Scratch Lens, 100ea/cs	X	X



Gray Lens

Approximate Weight	
Eyewear	21 g (0.7 oz)
Approximate Physical Dimension	
Lens Width	145 mm
Lens Height	45 mm
Temple Length	128 mm
Material Composition	
Lens	Polycarbonate (clear)
Nosepiece (hard)	Polycarbonate (clear)
Temple	Xylex
Temple Hinge Screw	Zinc-plated steel

Typical Transmitted/Blocked Light	
Visible Light Transmitted (380 - 780 nm)	14.5%
UVA, UVB, UVC Blocked (200 - 380 nm)	99.9%
Blue Light Transmitted (400 - 700 nm)	12.9%

Regulatory Standards

- ANSI/ISEA Z87.1-2020
- CSA Z94.3-20

Product Markings

- Impact: Z87+
- Ultraviolet Filter Scale: U6
- Visible Light Scale: L3
- CSA Compliance: Z94.3



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Product Number	SAP I.D. Number	3M I.D. Number	UPC	Description	Availability	
					US	Canada
SF102AF-BLK	7100238172	70071733573	50638060428974	3M™ SecureFit(TM) 100 Series, SF102AF-BLK, Black Temples, Gray Anti-Fog/Anti-Scratch Lens, 20ea/cs	X	X



Amber Lens


Approximate Weight	
Eyewear	21 g (0.7 oz)
Approximate Physical Dimension	
Lens Width	145 mm
Lens Height	45 mm
Temple Length	128 mm
Material Composition	
Lens	Polycarbonate (clear)
Nosepiece (hard)	Polycarbonate (clear)
Temple	Xylex
Temple Hinge Screw	Zinc-plated steel

Typical Transmitted/Blocked Light	
Visible Light Transmitted (380 - 780 nm)	91.7%
UVA, UVB, UVC Blocked (200 - 380 nm)	99.9%
Blue Light Transmitted (400 - 700 nm)	16.7%

Regulatory Standards

- ANSI/ISEA Z87.1-2020
- CSA Z94.3-20

Product Markings

- Impact: Z87+
- Ultraviolet Filter Scale: U6
- CSA Compliance: Z94.3 

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Product Number	SAP I.D. Number	3M I.D. Number	UPC	Description	Availability	
					US	Canada
SF103AF-BLK	7100238183	70071733524	50638060428912	3M™ SecureFit(TM) 100 Series, SF103AF-BLK, Black Temples, Amber Anti-Fog/Anti-Scratch Lens, 20ea/cs	X	X



Indoor/Outdoor Gray Lens

Approximate Weight	
Eyewear	21 g (0.7 oz)
Approximate Physical Dimension	
Lens Width	145 mm
Lens Height	45 mm
Temple Length	128 mm
Material Composition	
Lens	Polycarbonate (clear)
Nosepiece (hard)	Polycarbonate (clear)
Temple	Xylex
Temple Hinge Screw	Zinc-plated steel

Typical Transmitted/Blocked Light	
Visible Light Transmitted (380 - 780 nm)	49.7%
UVA, UVB, UVC Blocked (200 - 380 nm)	99.9%
Blue Light Transmitted (400 - 700 nm)	45.6%

Regulatory Standards

- ANSI/ISEA Z87.1-2020
- CSA Z94.3-20

Product Markings

- Impact: Z87+
- Ultraviolet Filter Scale: U6
- Visible Light Scale: L1.7
- CSA Compliance: Z94.3



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Product Number	SAP I.D. Number	3M I.D. Number	UPC	Description	Availability	
					US	Canada
SF107AF-BLK	7100238257	70071733581	50638060428981	3M™ SecureFit(TM) 100 Series, SF107AF-BLK, Black Temples, Indoor/Outdoor Gray Anti-Fog/Anti-Scratch Lens, 20ea/cs	X	X

Contains no components made from natural rubber latex.

Storage

Eyewear should be stored between temperatures of 50 F° (10°C) and 86° F (30°C), dry conditions, no chemical exposure, out of any direct exposure to radiation (sunlight, IR, UV, etc.), and non-abrasive environments.

Cleaning

Clean only with a water rinse or with mild soap and water, then pat dry with a soft cloth.

Instructions for Use

Follow all safety information contained in the applicable user instructions. Misuse may result in serious injury or death. Retain user instructions for future reference.

This eyewear is intended to provide limited eye protection against flying particles or small objects. Indirectly (covered) vented or non-vented goggles may be appropriate for chemical splash and dust hazards. This product should not be used as a substitute for machine guards or other engineering controls. This product is for occupational use only and meets ANSI Z87.1 standard (see product label for other ratings). The lenses are impact resistant but not unbreakable. It is the responsibility of the employer to determine if the eyewear is suitable for the application based on the worksite hazard assessment and applicable standards. For correct use, consult supervisor and User Instructions, or contact 3M Technical Service in the USA at 1-800-243-4630 or in Canada at 1-800-267-4414.

WARNING

Ensure eyewear fits securely, minimizes gaps to head, and is not easily dislodged. Use accessories, such as gaskets, where applicable.

To reduce the risks associated with eye hazards which, if not avoided, could result in serious injury or death:

- Inspect eyewear (lenses and temples) before each use. Replace immediately if there is any sign of damage.
- Do not use for protection from larger objects or severe impacts, such as explosions or fragmenting grinding/ abrasive wheels.
- Always use suitable secondary protection (such as a welding shield or faceshield) where applicable including for: burning, cutting, any type of welding, furnace or molten metal operations, lasers, or glass blowing. Eyewear with infrared filters provide limited protection from infrared radiation. Tinted lens/special purpose lenses are not for use where filter lenses are required for welding purposes.
- Eyewear may fog in certain environments. If fogging occurs, stop task or operation. When safe to do so, exit area and contact supervisor.
- Do not use for athletic sports, paintball or recreational simulated combat games.
- Always use two hands when putting on eyewear; never alter or modify the product.



Personal Safety Division

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3M PSD products are occupational use only.

3M Canada

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In United States of America

Technical Service 1-800-243-4630
Customer Service 1-800-328-1667
3M.com/workersafety

In Canada

Technical Service 1-800-267-4414
Customer Service 1-800-364-3577
3M.ca/Safety

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Please recycle.