

## 3M™ GoggleGear™ Protective Goggle 6000 Series



GG6001SGAF-BLK



GG6001NSGAF-BLU



GG6002SGAF-BLK

### Description

3M™ GoggleGear™ Protective Goggle 6000 Series features a large profile design with indirect venting to help reduce fogging. Available with 3M™ Scotchgard™ Anti-Fog Protector Coating, which resists fog 11x longer and has 7x better anti-scratch performance than traditional 3M™ anti-fog coating. Select from models with adjustable nylon fiber cloth strap, or easy to clean neoprene strap.

### Key Features

- Polycarbonate lens absorbs 99.9% of UVA, UVB, and UVC rays between 200 nm and 380 nm
- Large profile goggle fits over some prescription eyewear
- Wraparound lens
- Soft shroud helps seal against the face
- Indirect venting to help reduce fogging
- Cloth or neoprene straps
- 3M™ Scotchgard™ Anti-Fog Protector Coating designed to last longer than traditional 3M anti-fog coatings
- Meets optional anti-fog performance ('X' mark) per ANSI/ISEA Z87.1-2020
- ANSI/ISEA Z87.1-2020 D3 (droplet splash) and D4 (dust) rated
- Can be disassembled for cleaning

### Typical Applications

These products may be suitable for use in a wide variety of applications including, but not limited to industrial manufacturing, metal working, mining/oil and gas, construction, food industry, pharmaceutical, and general laboratory.

### Regulatory Approvals

All versions meet the requirement of ANSI/ISEA Z87.1-2020 and select versions meet the requirements of CSA Z94.3-2020.

### Storage and Cleaning

Eyewear should be stored between temperatures of 50 °F (10 °C) and 86 °F (30 °C), in dry conditions with no chemical exposure, out of any direct exposure to radiation (sunlight, IR, UV, etc.), and in non-abrasive environments. Thoroughly clean all surfaces with a mild soap solution and lukewarm water, then rinse. Dry with a soft cloth or tissue. Do not use any solvents on these lenses.

## Product Specifications

- Weight: 83g (2.9 oz)
- Replacement lens weight: 35g (1.2 oz)
- Lens width: 170 mm
- Lens height: 77 mm
- Lens material: polycarbonate
- Shroud material: TPE
- Frame material: Polypropylene
- Strap clips material: Polypropylene
- Strap buckle material: Polymethoxylene
- Strap material (cloth): Polyester/Neoprene
- Strap material (neoprene): Neoprene

## Lens Color Options, Markings, and Light Transmittance

Lens Option	Description	Markings	Visible Light Transmitted (380-780 nm)	UVA, UVB, UVC Blocked (200-380 nm)	Blue Light Blocked (200-380 nm)
Clear	For general indoor applications where impact protection is required. Also helps protect against ultraviolet light. Luminous Transmittance is >85%.	3M Z87+ U6 X D3 D4 Z94.3 CSA Logo	92.3%	99.9%	12.0%
Gray	For outdoor applications where light and glare can cause eye strain and fatigue. A gray tint provides good protection from glare and helps keep distortion of colors to a minimum.	3M Z87+ U6 L3 X D3 D4 Z94.3 CSA Logo	13.3%	99.9%	88.7%

The lenses and frames are marked in accordance with the requirements of ANSI/ISEA Z87.1-2020 and CSA Z94.3-2020.

Markings	Explanation of Markings
3M	Manufacturer's Identification
Z87	Product complies to ANSI/ISEA Z87.1-2020 standard
Z94.3	Product complies to CSA Z94.3-2020 standard
CSA logo	Product has been tested and certified by CSA to meet the CSA Z94.3-2020 standard
+	Impact-rated spectacle (ANSI/ISEA Z87.1-2020)
U6	Scale number for UV Protection (U6 is the highest rating in ANSI/ISEA Z87.1-2020)
L3	Scale number for Visible Light Filter (ANSI/ISEA Z87.1-2020)
X	Passes optional anti-fog lens test (ANSI/ISEA Z87.1-2020)
D3	Splash/droplet protection (ANSI/ISEA Z87.1-2020)
D4	Dust protection (ANSI/ISEA Z87.1-2020)
Taiwan	Country of manufacture

## Product List

Product ID SKU	Description	Lens Color	Shroud Color	Strap Type/Color	Availability	
					US	Canada
GG6001SGAF-BLK 7100191924	3M™ GoggleGear™ 6000 Series, GG6001SGAF-BLK, Black Shroud, Scotchgard™ Anti-Fog Coating, Clear AF-AS lens, 10ea/cs	Clear	Black	Cloth/Black	X	X
GG6001NSGAF-BLU 7100191928	3M™ GoggleGear™ 6000 Series, GG6001NSGAF-BLU, Blue Shroud, Neoprene Strap, Scotchgard™ Anti-Fog Coating, Clear AF-AS lens, 10ea/cs	Clear	Blue	Neoprene/Black	X	
GG6002SGAF-BLK 7100191930	3M™ GoggleGear™ 6000 Series, GG6002SGAF-BLK, Black Shroud, Scotchgard™ Anti-Fog Coating, Gray AF-AS lens, 10ea/cs	Gray	Black	Cloth/Black	X	X

## Replacement Part List

Product ID SKU	Description	Lens Color	Availability	
			US	Canada
GG6001SGAF-LENS 7100191927	3M™ GoggleGear™ 6000 Series, GG6001SGAF-LENS, Scotchgard™ Anti-Fog Coating, Clear AF-AS replacement lens, 30ea/cs	Clear	X	

## Instructions for Use

Follow all safety information contained in the applicable instructions. Misuse may result in serious injury or death. Retain user instructions on packaging 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. 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.



**Personal Safety Division**  
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3M PSD products are occupational use only.

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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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