

# BGYW LASER SAFETY GLASSES

## CATEGORY INFORMATION

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**PHILLIPS SAFETY**  
PRODUCTS INC.



Phillips Safety is the industry leader in occupational safety eyewear. In business for over 100 years, you are being served with the dedication and craftsmanship of a family owned company.

Phillips Safety has been producing occupational safety glasses since 1905 and continues to develop and produce the highest quality glasses and lenses today. A leading manufacturer of specialty safety eyewear in the United States, Phillips Safety adheres to strict ANSI Z87-2+ and EN 207 CE standard certifications, holding itself to a highest standard and prides itself on producing glasses with the finest quality materials available.

All safety glasses produced and sold by Phillips Safety meet strict industry standards for military, medical, research laboratories, and a variety of other industries.

With Phillips Safety's dedicated team, you can rest assured knowing that all your prescription safety needs are met.

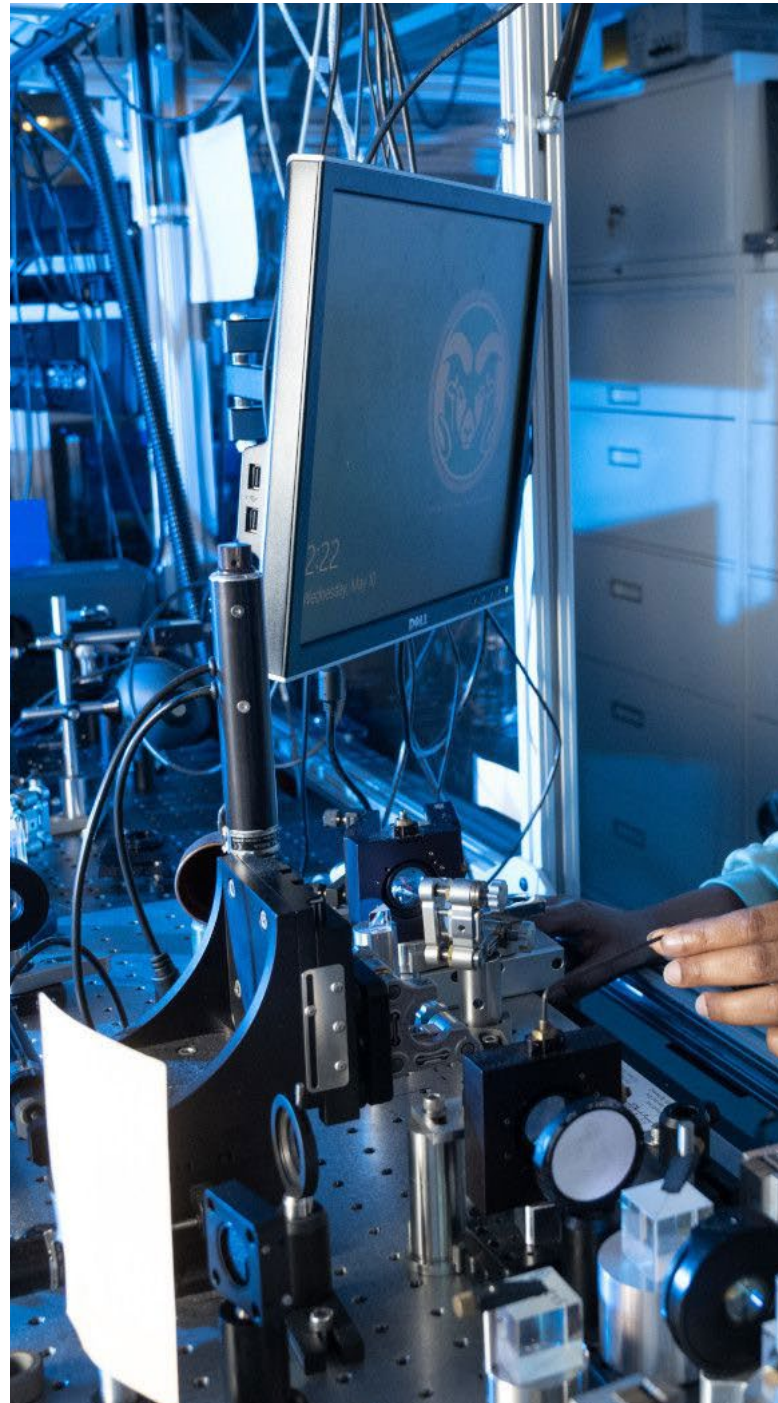
## CATEGORY INFORMATION

### BGYW LASER SAFETY GLASSES

Laser safety glasses are specialized eyewear designed to protect the eyes from the potentially harmful effects of laser radiation. These glasses are equipped with special optical filters that selectively absorb or reflect specific wavelengths of laser light, ensuring that only safe levels of light reach the eyes. They are crucial for individuals working in environments where lasers are used, such as in research laboratories, medical facilities, and industrial settings.

Phillips Safety's BGYW laser safety glasses feature an advanced glass green lens filter designed to provide exceptional laser protection. The combination of Phillips Safety's expertise in laser safety and the optimal features of the BGYW laser safety glasses makes them an ideal choice for professionals seeking superior optical performance and uncompromising safety in laser-intensive work settings.

With a visible light transmission of 33%, these glasses offer a remarkable balance between protection and visual clarity. This VLT ensures that wearers can maintain clear vision while safeguarding their eyes from potentially harmful laser radiation.





**CATEGORY INFORMATION**  
**BGYW LASER SAFETY GLASSES**



Plus, it allows for a practical and comfortable user experience across a range of lighting conditions.

It is important to note that they are engineered for specific laser wavelengths, offering precise protection with the following Optical Density (OD) ratings:

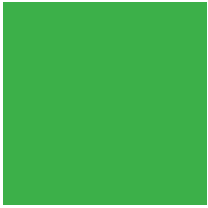
OD 5+ @ 200-450nm; OD 1+ @ 620-636nm;  
OD 2+ @ 637-655nm; OD 5+ @ 690-710nm;  
OD 7+ @ 710-1200nm; OD 5+ @ 10600nm.

In addition, our BGYW laser safety glasses meet and exceed industry safety standards. They are rigorously tested and comply with ANSI Z136.1 safety standards, ensuring your peace of mind in laser-intensive environments.

Whether working in research and military, in a medical facility, or in an industrial setting, Phillips Safety's BGYW laser safety glasses offer essential protection without compromising vision clarity, promoting both safety and efficiency in diverse professional environments. For unparalleled laser safety, choose Phillips Safety's glasses.

# LASER PROTECTIVE EYEWEAR

## LENS FILTER SPECIFICATIONS



**PROTECTION OPTION** CO2, ND Yag, Alexandrite Diode, Multiwave Length

**LENS BLANK PART NUMBER** LS-BGYW-LB

## LENS SPECIFICATION

### PROTECTION SPECIFICATIONS

OD 5+ @ 200-450nm  
OD 1+ @ 620-636nm  
OD 2+ @ 637-655nm  
OD 5+ @ 690-710nm  
OD 7+ @ 710-1200nm  
OD 5+ @ 10600nm

**LENS TYPE** BGYW

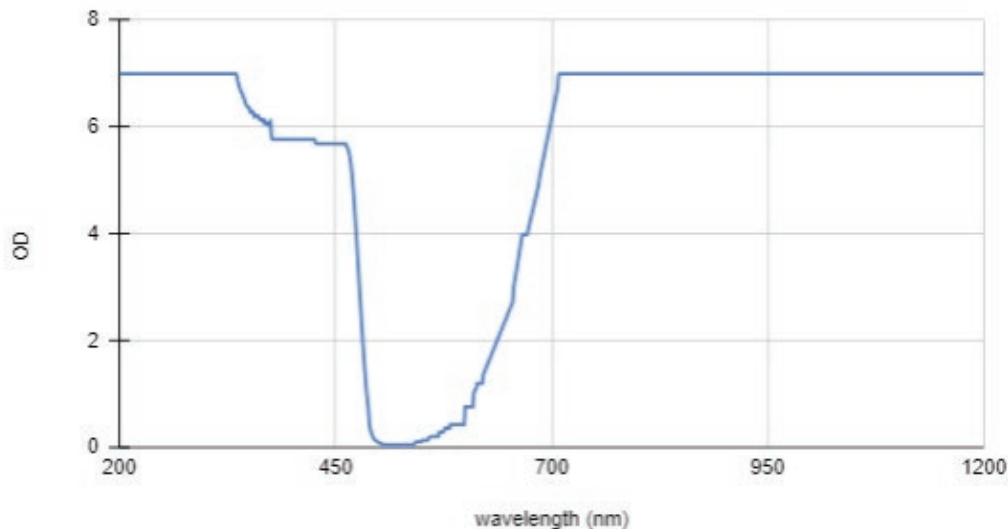
**MATERIAL** Glass

**SAFETY RATING** ANSI Z87.1, ANSI Z36.1

**VISIBLE LIGHT TRANSMISSION** 33%

**COLOR** Green

## WAVELENGTH CHART



This is to certify that our product listed above meets all Safety Requirements as specified by ANSI Z87.1 and is manufactured to the tolerances required by law. This filter has been tested and conforms to ANSI Z136.1 standards for Laser protection. They are manufactured by Phillips Safety Products, Inc. in the City of Middlesex, County of Middlesex, and State of New Jersey in the United States of America. All components and final assemblies are included and originate from our location at 123 Lincoln Boulevard, Middlesex, NJ 08846.

Any questions from interested parties can be directed to the under signed below.

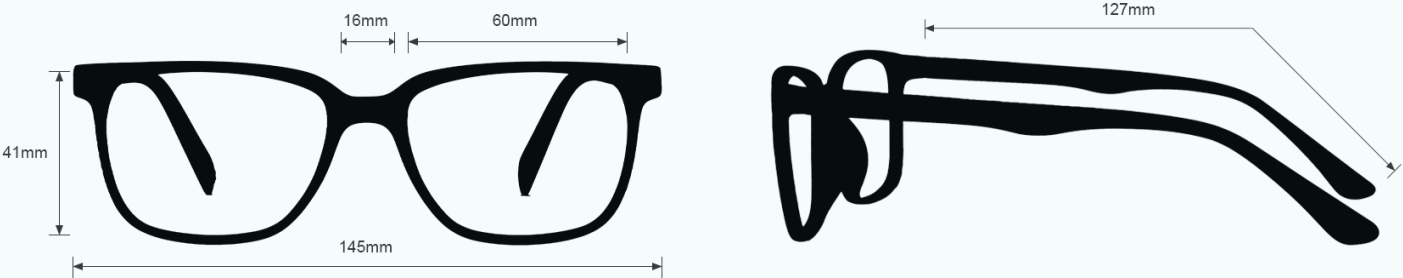
Ryan Phillips | Vice President | Phillips Safety Products, Inc.

**PRODUCT INFORMATION**  
BGYW LASER SAFETY GLASSES 33



The BGYW laser safety glasses have a glass green lens filter that provides laser protection. These laser glasses have visible light transmission of 33%. In addition, the BGYW laser safety glasses have ANSI Z87.1 and ANSI Z136.1 safety standards. Plus, these laser safety glasses 33 have a durable and lightweight fitover frame. Made of high-quality plastic, the 33 laser safety glasses feature adjustable temples and integrated side shields. In addition, these Phillips Safety laser safety glasses are available in black.

**FRAME SPECIFICATION**

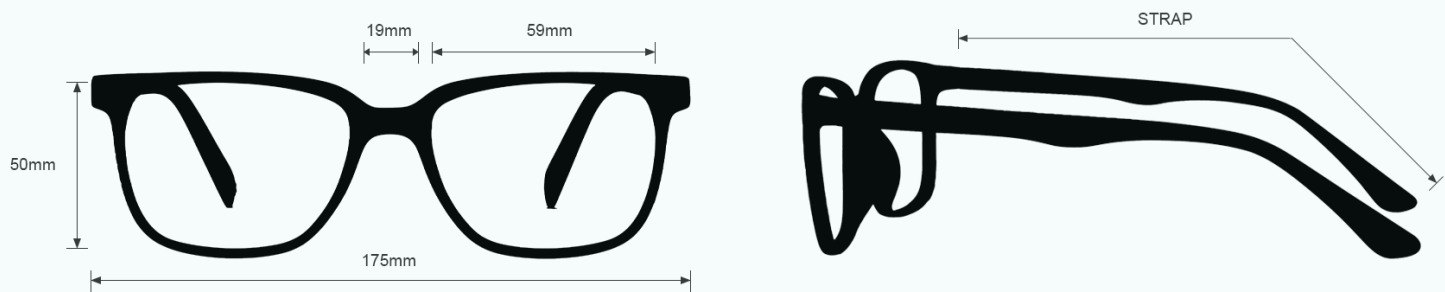


**PRODUCT INFORMATION**  
BGYW LASER SAFETY GOGGLES 55



The BGYW laser safety glasses have a glass green lens filter that provides laser protection. These laser glasses have visible light transmission of 33%. Moreover, the BGYW laser safety glasses have ANSI Z87.1 and ANSI Z136.1 safety standards. Plus, these laser safety goggles 55 have a durable and lightweight fitover goggles frame. Made of high-quality plastic, the 55 laser safety goggles feature a strap. In addition, these Phillips Safety laser safety goggles are available in silver.

**FRAME SPECIFICATION**

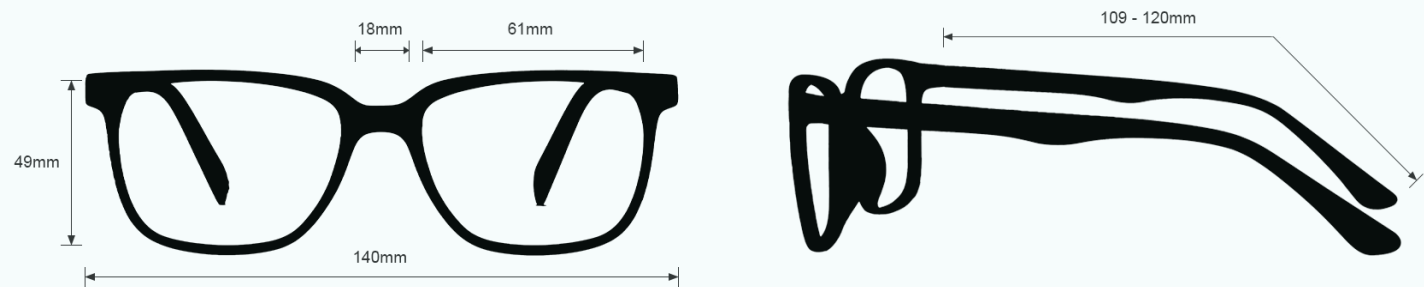


**PRODUCT INFORMATION**  
BGYW LASER SAFETY GLASSES 66



The BGYW laser safety glasses have a glass green lens filter that provides laser protection. These laser glasses have visible light transmission of 33%. Moreover, the BGYW laser safety glasses meet ANSI Z87.1 and ANSI Z136.1 safety standards. Plus, these laser safety glasses 66 have a durable and lightweight oversized frame. Made of high-quality plastic, the 66 laser safety glasses feature adjustable temple bars and permanent side shields. In addition, these Phillips Safety laser safety glasses are available in black and silver.

**FRAME SPECIFICATION**



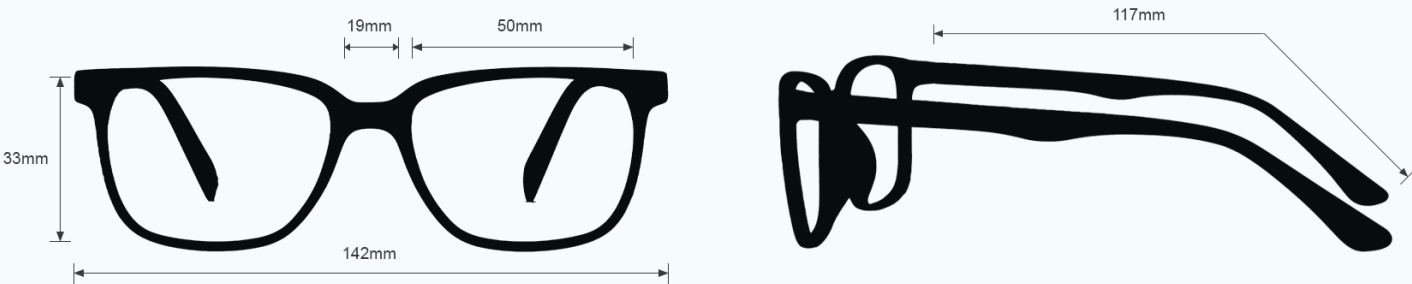


**PRODUCT INFORMATION**  
BGYW LASER SAFETY GLASSES 206



The BGYW laser safety glasses have a glass green lens filter that provides laser protection. These laser glasses have visible light transmission of 33%. Moreover, the BGYW laser safety glasses have ANSI Z87.1 and ANSI Z136.1 safety standards. Plus, these laser safety glasses 206 have a durable and lightweight rectangular, wrap-around frame. Made of high-quality plastic, the 206 laser safety glasses feature rubberized nose pads, rubberized temples, integrated side shields, and a removable dust dam. In addition, these Phillips Safety laser safety glasses are available in yellow/black opaque.

**FRAME SPECIFICATION**

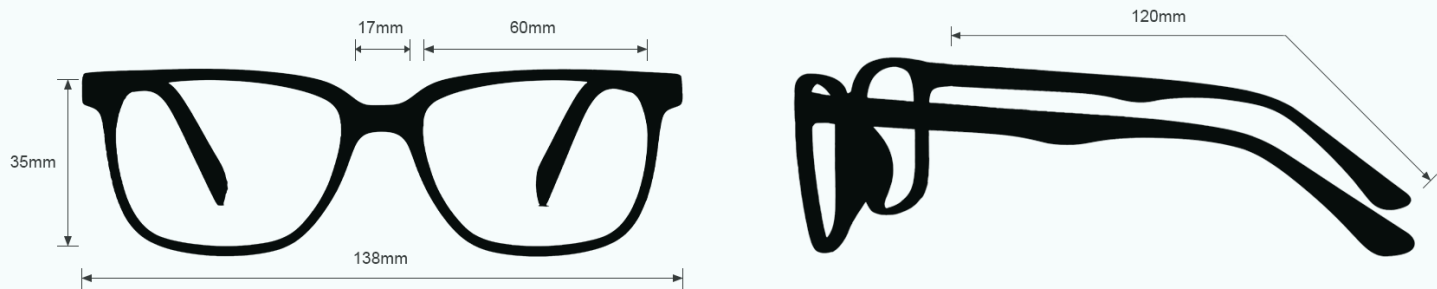


**PRODUCT INFORMATION**  
BGYW LASER SAFETY GLASSES 808



The BGYW laser safety glasses have a glass green lens filter that provides laser protection. These laser glasses have visible light transmission of 33%. Moreover, the BGYW laser safety glasses meet ANSI Z87.1 and ANSI Z136.1 safety standards. Plus, these laser safety glasses 808 have a durable and lightweight wrap-around frame. Made of high-quality plastic, the 808 laser safety glasses feature rubberized nose pads and rubberized temple bars. In addition, these Phillips Safety laser safety glasses are available in black.

**FRAME SPECIFICATION**

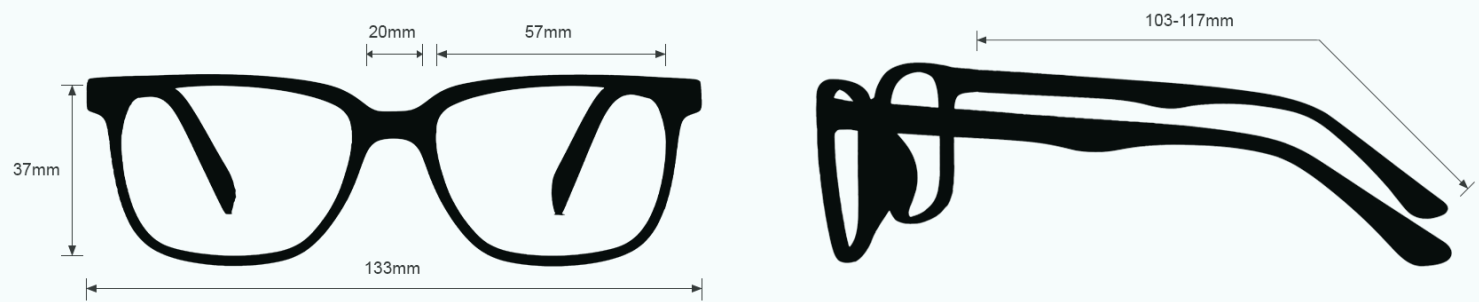


**PRODUCT INFORMATION**  
BGYW LASER SAFETY GLASSES 300



The BGYW laser safety glasses have a glass green lens filter that provides laser protection. These laser glasses have visible light transmission of 33%. Moreover, the BGYW laser safety glasses meet ANSI Z87.1 and ANSI Z136.1 safety standards. Plus, these laser safety glasses 300 have a durable and lightweight rectangular frame. Made of high-quality plastic, the 300 laser safety glasses feature adjustable temples and permanent side shields. In addition, these Phillips Safety laser safety glasses are available in black.

**FRAME SPECIFICATION**

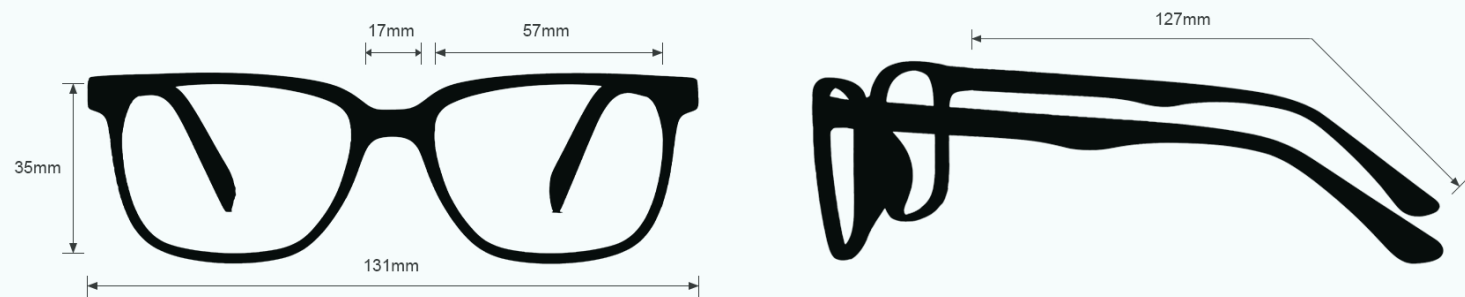


**PRODUCT INFORMATION**  
BGYW LASER SAFETY GLASSES 1375



The BGYW laser safety glasses have a glass green lens filter that provides laser protection. These laser glasses have visible light transmission of 33%. In addition, the BGYW laser safety glasses have ANSI Z87.1 and ANSI Z136.1 safety standards. Plus, these laser safety glasses 1375 have a durable and lightweight rectangular frame. Made of high-quality plastic, the 1375 laser safety glasses feature bent temples and integrated side shields. In addition, these Phillips Safety laser safety glasses are available in black.

**FRAME SPECIFICATION**



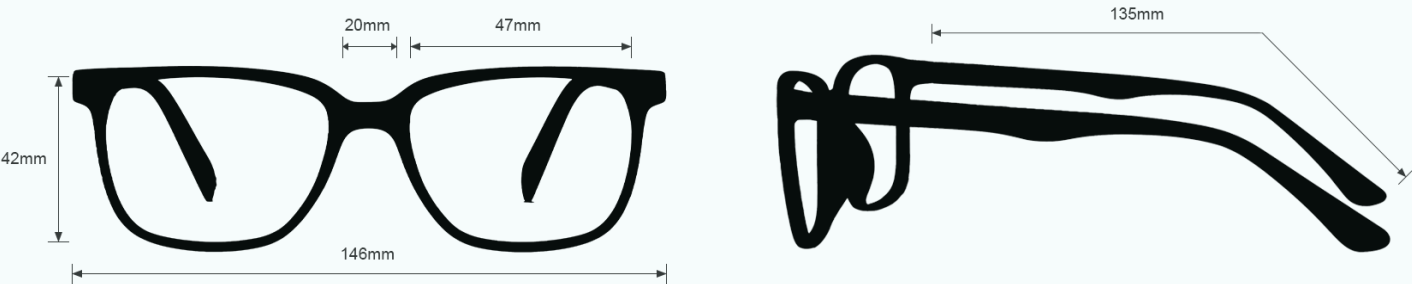


**PRODUCT INFORMATION**  
BGYW LASER SAFETY GLASSES 9014



The BGYW laser safety glasses have a glass green lens filter that provides laser protection. These laser glasses have visible light transmission of 33%. Moreover, the BGYW laser safety glasses meet ANSI Z87.1 and ANSI Z136.1 safety standards. Plus, these laser safety glasses 9014 have a durable and lightweight oversized oval frame. Made of high-quality plastic, the 9014 laser safety glasses feature rubberized nosepads, rubberized temple bars, and permanent side shields. In addition, these Phillips Safety laser safety glasses are available in black.

**FRAME SPECIFICATION**

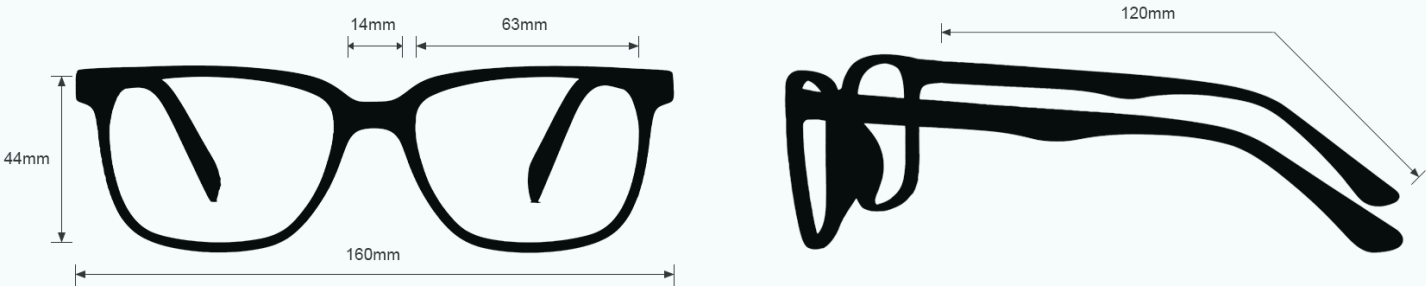


**PRODUCT INFORMATION**  
BGYW LASER SAFETY GLASSES 9388



The BGYW laser safety glasses have a glass green lens filter that provides laser protection. These laser glasses have visible light transmission of 33%. Moreover, the BGYW laser safety glasses meet ANSI Z87.1 and ANSI Z136.1 safety standards. Plus, these laser safety glasses 9388 have a durable and lightweight oversized frame. Made of high-quality plastic, the 9388 laser safety glasses feature adjustable temple bars and integrated side shields. In addition, these Phillips Safety laser safety glasses are available in black.

**FRAME SPECIFICATION**

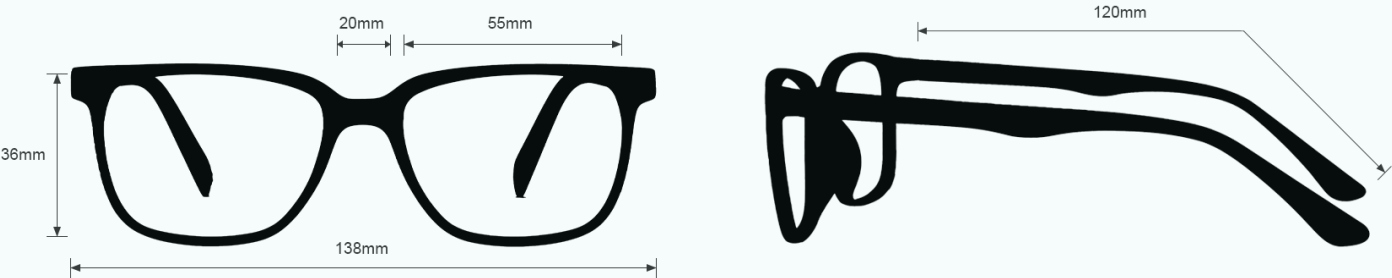


**PRODUCT INFORMATION**  
BGYW LASER SAFETY GLASSES 16001



The BGYW laser safety glasses have a glass green lens filter that provides laser protection. These laser glasses have visible light transmission of 33%. In addition, the BGYW laser safety glasses have ANSI Z87.1 and ANSI Z136.1 safety standards. Plus, these laser safety glasses 16001 have a durable and lightweight wrap-around frame. Made of high-quality plastic, the 16001 laser safety glasses feature adjustable nosepads. In addition, these Phillips Safety laser safety glasses are available in black/blue.

**FRAME SPECIFICATION**

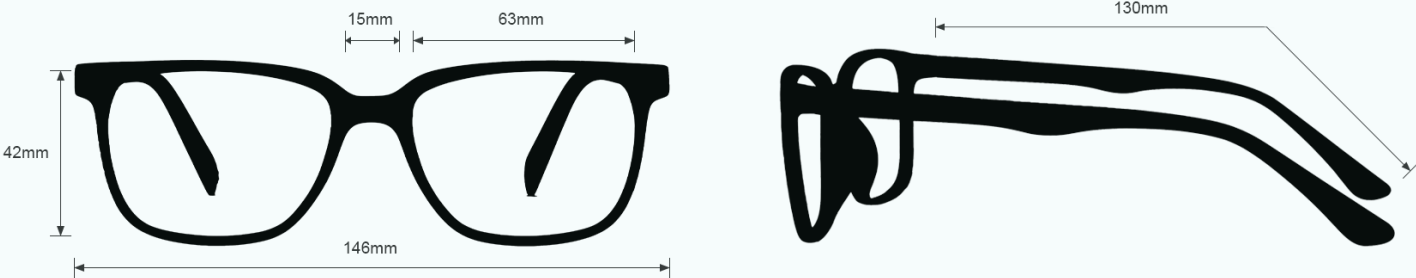


**PRODUCT INFORMATION**  
BGYW LASER SAFETY GLASSES 17001



The BGYW laser safety glasses have a glass green lens filter that provides laser protection. These laser glasses have visible light transmission of 33%. Moreover, the BGKG laser safety glasses have ANSI Z87.1 and ANSI Z136.1 safety standards. Plus, these laser safety glasses 17001 have a durable and lightweight rectangular, wrap-around frame. Made of high-quality plastic, the 17001 laser safety glasses feature rubberized temple bars. In addition, these Phillips Safety laser safety glasses are available in black/green.

**FRAME SPECIFICATION**






# CONTACT

Should you need any further information,  
please do not hesitate to contact us.

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