

GLASS LASER WINDOW

CATEGORY INFORMATION

PHILLIPS-SAFETY.COM

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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.

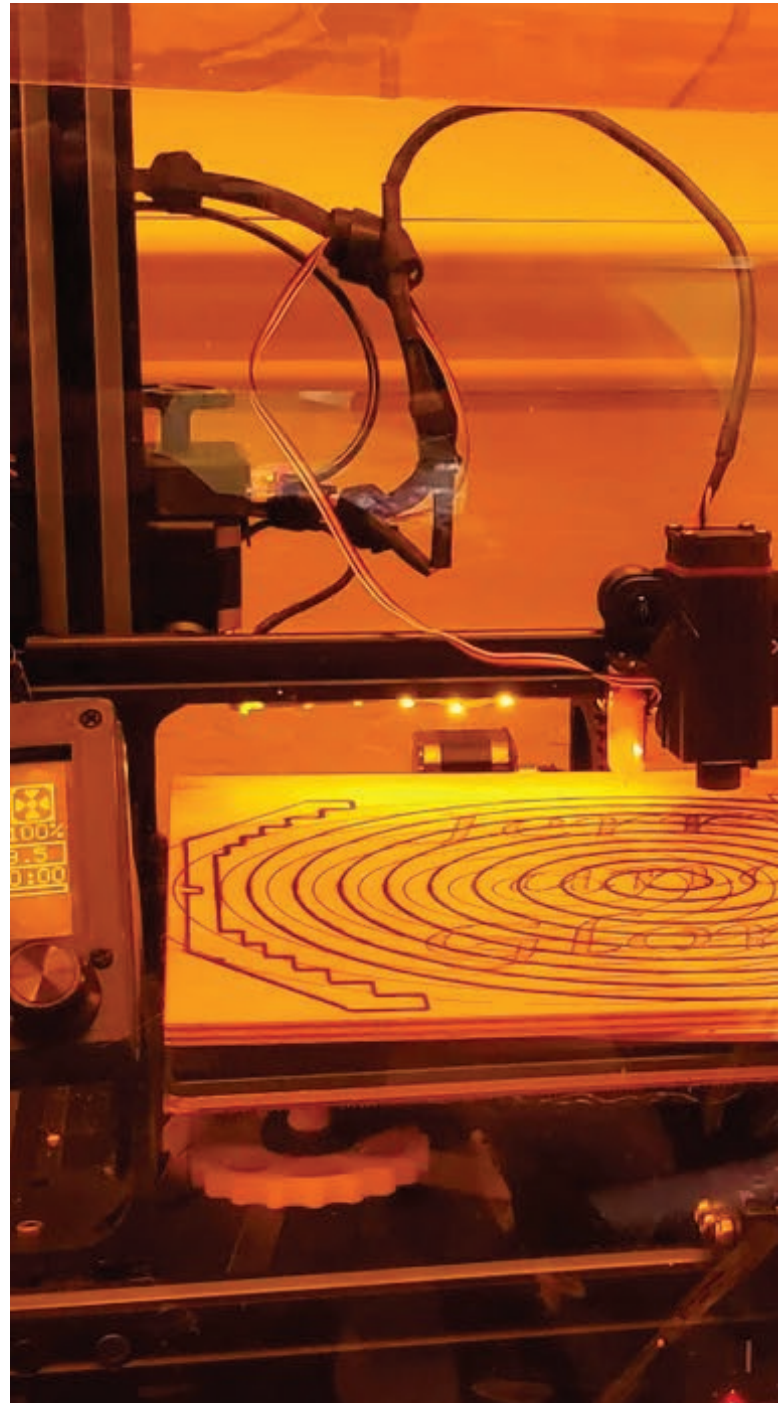
With Phillips Safety's dedicated team, you can rest assured knowing that all your prescription safety needs are met.

CATEGORY INFORMATION

GLASS LASER WINDOW

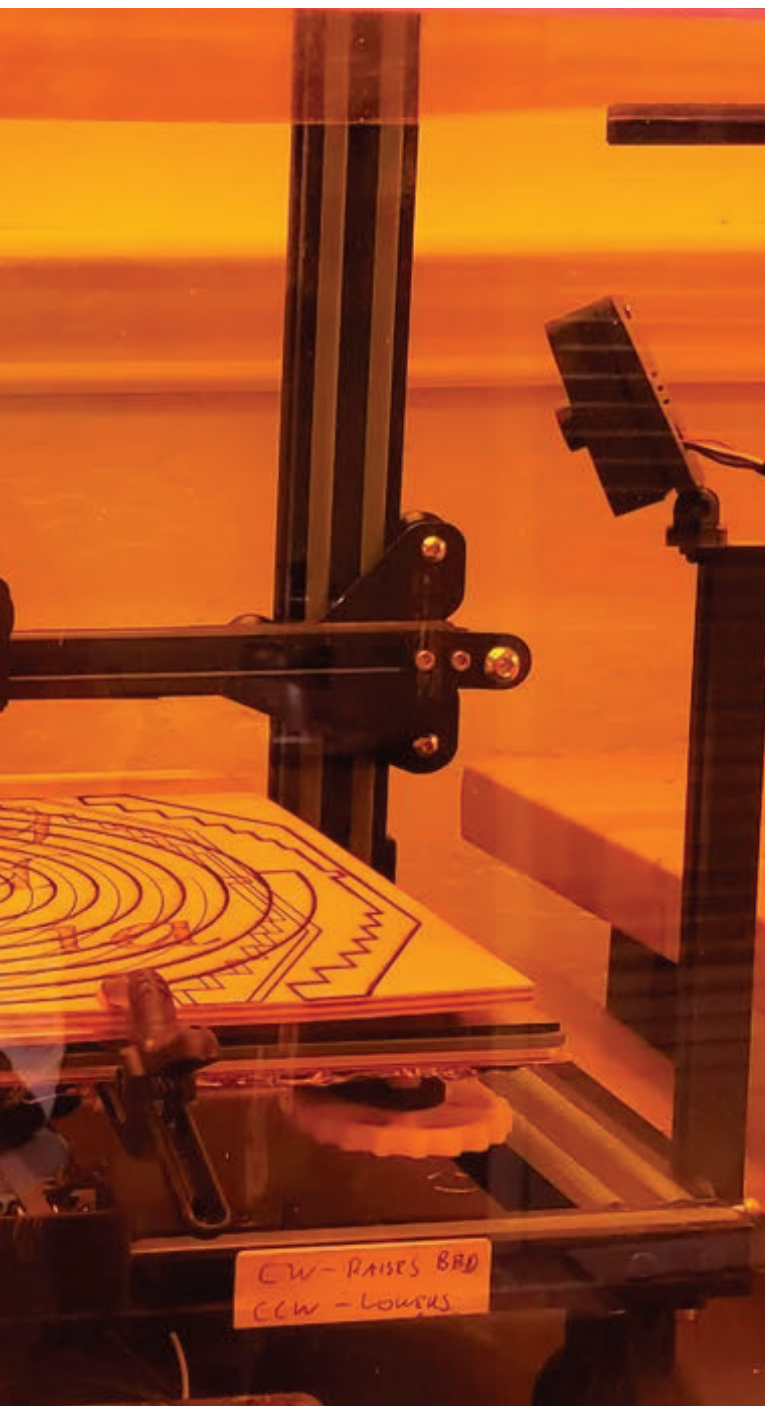
Laser safety windows are specialized barriers designed to protect against the hazards of laser radiation. These windows are constructed using carefully selected materials for their ability to absorb or reflect specific laser wavelengths. By installing laser safety windows, workplaces and facilities can create controlled laser environments, where laser beams are confined and the risk of laser-related injuries or accidents is significantly reduced.

At Phillips Safety we offer a diverse selection of premium laser safety windows to meet the needs of our customers. Our comprehensive collection comprises laser window films, glass laser windows, and acrylic laser windows, each of them with options for a variety of laser filters and applications.



CATEGORY INFORMATION


GLASS LASER WINDOW



Moving on to our glass laser windows, glass is an ideal material for laser windows as it offers excellent visible light transmission (VLT) and optical density protection. It is especially suitable for applications requiring high visual quality in small areas. Phillips Safety's glass laser windows meet both ANSI Z136.1 and CE EN207 safety standards, ensuring their quality and reliability. They are available in various colors and for a variety of laser applications, offering a range of visible light transmission specifications from 14% to 71%.

Laser safety windows ensure the safe operation of laser systems by preventing the transmission of harmful laser radiation while allowing visible light to pass through. They are essential for industries such as research, manufacturing, healthcare, and defense, where lasers are extensively used, providing a crucial layer of protection for personnel and equipment.

CATEGORY INFORMATION
GLASS LASER WINDOW

A large, stylized letter 'P' in a teal color serves as a background for the page. The 'P' is composed of thick, rounded strokes. The top of the 'P' is a semi-circle, and the vertical stem has a small rectangular notch at the bottom. The circular part of the 'P' is a thick ring.

**PHILLIPS SAFETY
GLASS WINDOW**

LASER WINDOWS & SHEETING

PRODUCT SPECIFICATION



PRODUCT NAME BG-3 Laser Glass Window

PART NUMBER POL-BG3-0-165x165

PRODUCT SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @507-682nm
OD 7+ @518-677nm

PRODUCT TYPE Laser Glass Window

MATERIAL Glass

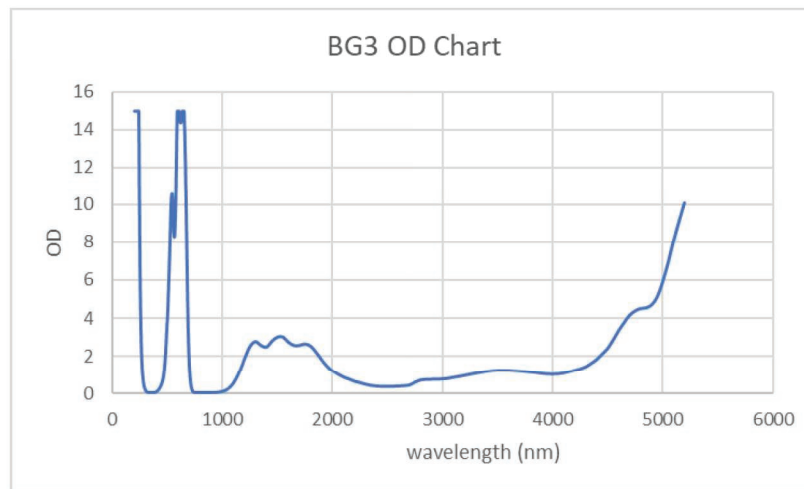
SAFETY RATING ANSI Z136.1 and CE EN207

VISIBLE LIGHT TRANSMISSION 14%

DIMENSIONS 6.5" x 6.5", 3.2mm Thickness

COLOR Purple

WAVELENGTH CHART



This is to certify that our product listed above meets all Safety Requirements 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 undersigned below.

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

LASER WINDOWS & SHEETING

PRODUCT SPECIFICATION



PRODUCT NAME BG-36 Laser Glass Window

PART NUMBER POL-BG36-0-165X165

PRODUCT SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @570-593nm
OD 5+ @733-754nm

PRODUCT TYPE Laser Glass Window

MATERIAL Glass

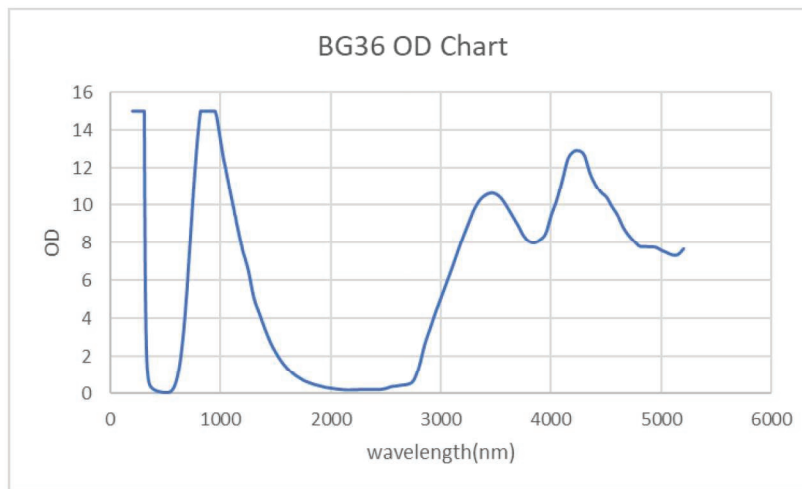
SAFETY RATING ANSI Z136.1 and CE EN207

VISIBLE LIGHT TRANSMISSION 71%

DIMENSIONS 6.5" x 6.5", 3.2mm Thickness

COLOR Brown

WAVELENGTH CHART



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

LASER WINDOWS & SHEETING

PRODUCT SPECIFICATION



PRODUCT NAME BG-39 Laser Glass Window

PART NUMBER POL-BG39-0-165X165

PRODUCT SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @688-699nm
OD 6+ @700-711nm
OD 7+ @712-1200nm

PRODUCT TYPE Laser Glass Window

MATERIAL Glass

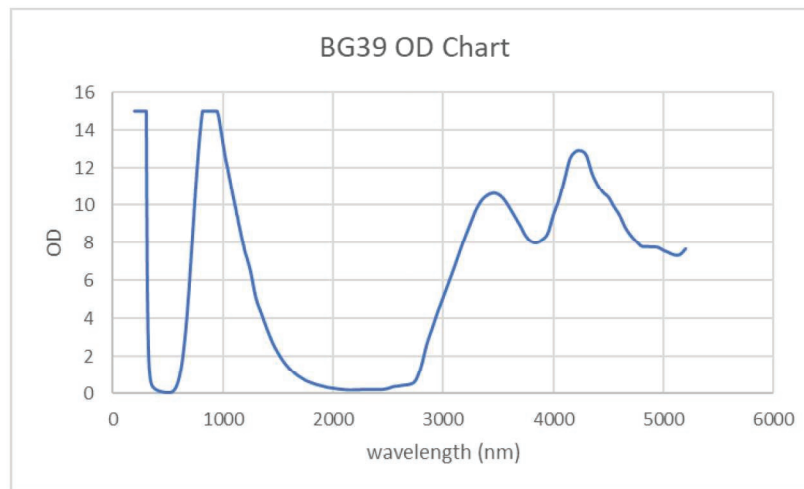
SAFETY RATING ANSI Z136.1 and CE EN207

VISIBLE LIGHT TRANSMISSION 55.5%

DIMENSIONS 6.5" x 6.5", 3.2mm Thickness

COLOR Light Blue

WAVELENGTH CHART



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LASER WINDOWS & SHEETING

PRODUCT SPECIFICATION



PRODUCT NAME KG-5 Laser Glass Window

PART NUMBER POL-KG5-0-165X165

PRODUCT SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @948-999nm
OD 6+ @1000-1086nm
OD 7+ @1087-1400nm
OD 5+ @1450-1700nm
OD 5+ @2850-3350nm
OD 7+ @4100-10600nm

PRODUCT TYPE Laser Glass Window

MATERIAL Glass

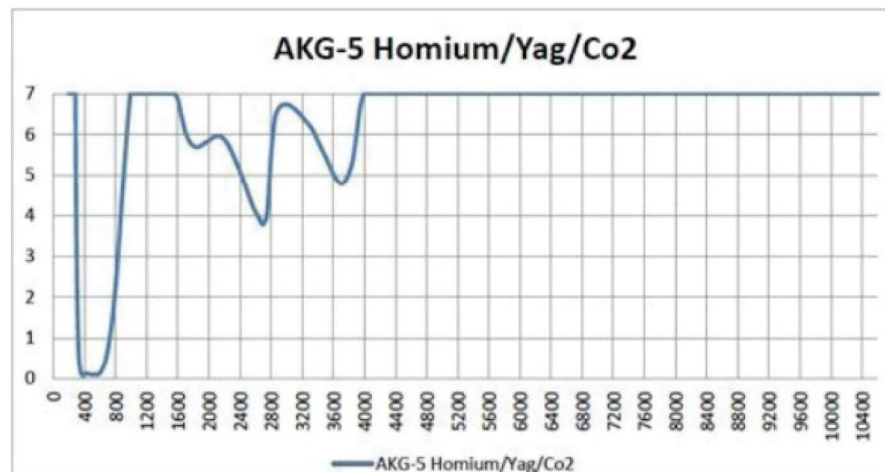
SAFETY RATING ANSI Z136.1 and CE EN207

VISIBLE LIGHT TRANSMISSION Excellent

DIMENSIONS 6.5" x 6.5", 3.2mm Thickness

COLOR Clear

WAVELENGTH CHART



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LASER WINDOWS & SHEETING

PRODUCT SPECIFICATION



PRODUCT NAME OG-590 Laser Glass Window

PART NUMBER POL-OG590-0-165X165

PRODUCT SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @190-535nm

PRODUCT TYPE Laser Glass Window

MATERIAL Glass

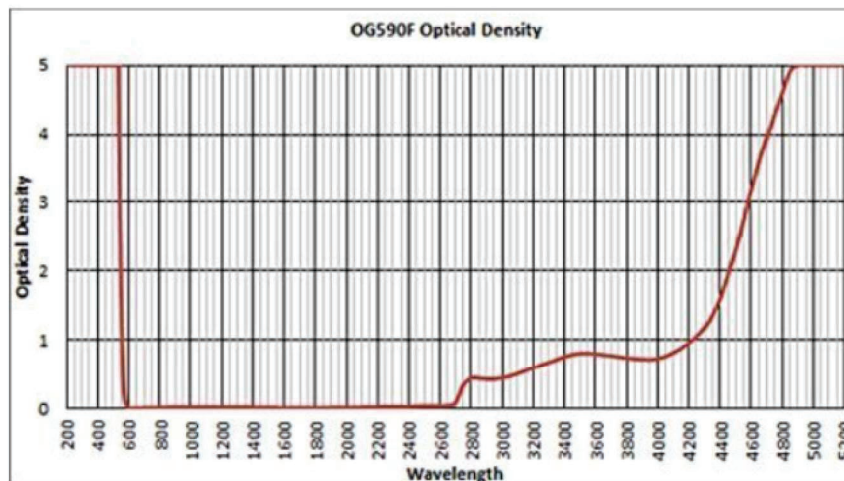
SAFETY RATING ANSI Z136.1 and CE EN207

VISIBLE LIGHT TRANSMISSION 38%

DIMENSIONS 6.5" x 6.5", 3.2mm Thickness

COLOR Pink

WAVELENGTH CHART



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LASER WINDOWS & SHEETING

PRODUCT SPECIFICATION



PRODUCT NAME RG-610 Laser Glass Window

PART NUMBER POL-RG610-0-165X165

PRODUCT SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @190-568nm

PRODUCT TYPE Laser Glass Window

MATERIAL Glass

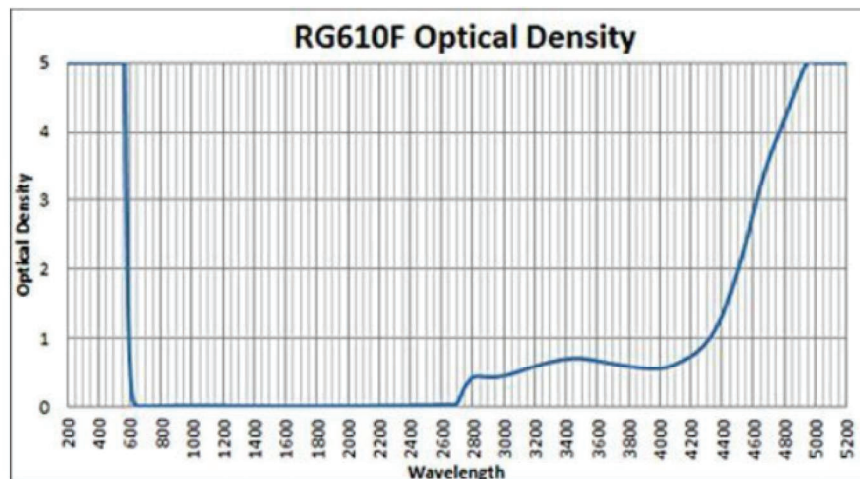
SAFETY RATING ANSI Z136.1 and CE EN207

VISIBLE LIGHT TRANSMISSION 38%

DIMENSIONS 6.5" x 6.5", 3.2mm Thickness

COLOR Pink

WAVELENGTH CHART




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CONTACT

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

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