

LASER SAFETY WINDOWS

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.

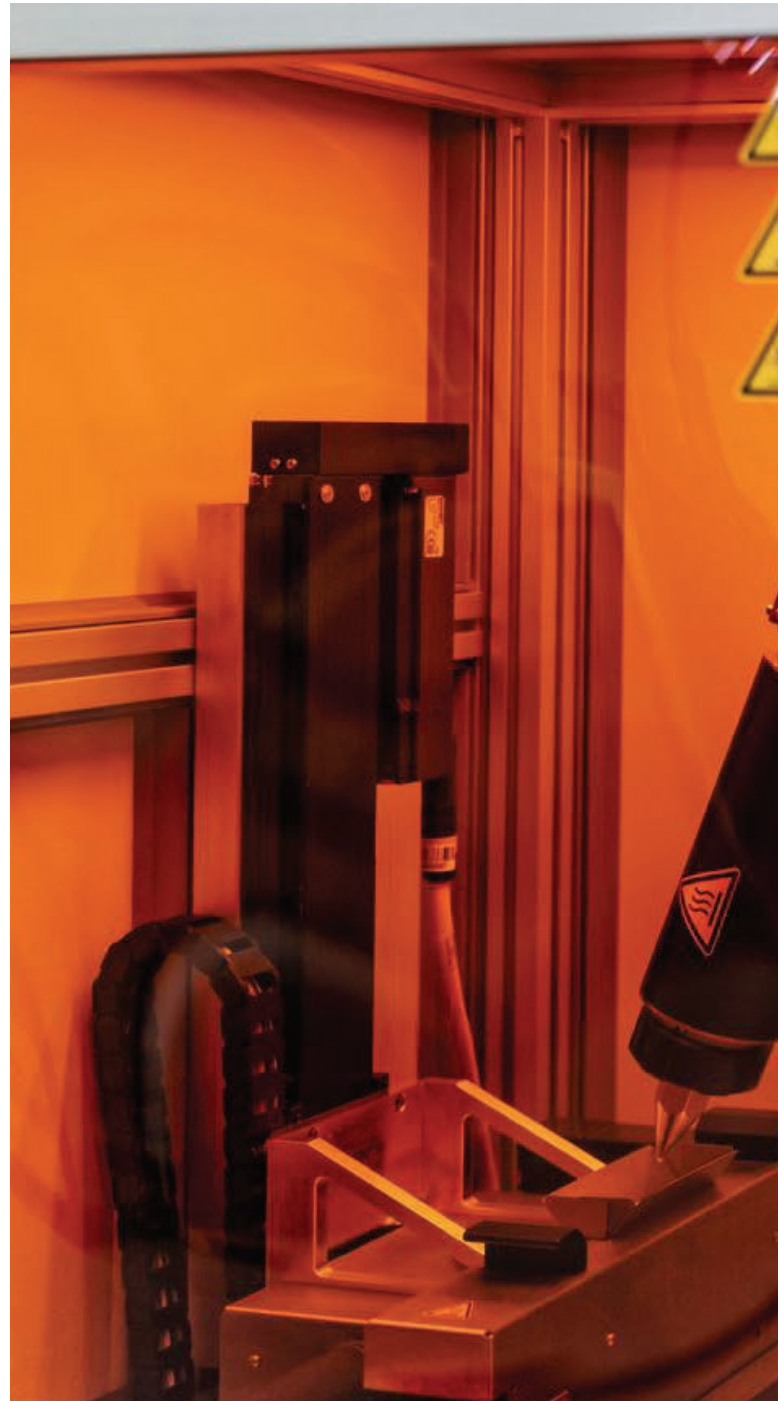
CATEGORY INFORMATION

LASER SAFETY WINDOWS

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.

Starting with our laser window films, they meet the industry's safety standards of ANSI Z136.1 and CE EN207, guaranteeing their exceptional quality.



CATEGORY INFORMATION

LASER SAFETY WINDOWS



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.

Our acrylic laser windows are known for their strength, durability, and resilience, as they can withstand impacts up to ten times greater than glass. They also exhibit superior weather resistance and a wide temperature range. Phillips Safety's acrylic laser windows meet ANSI Z136 standards for laser use, ensuring their exceptional quality.

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
LASER SAFETY WINDOWS

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.

PHILLIPS SAFETY ACRYLIC WINDOW

LASER WINDOWS & SHEETING

PRODUCT SPECIFICATION



PRODUCT NAME 690 IR LASER PROTECTIVE ACRYLIC SHEET, GREEN

PART NUMBER ALS-690

PRODUCT SPECIFICATION

PROTECTION SPECIFICATIONS

OD 6+ @180 – 420 nm
OD 3+ @670 – 680 nm
OD 4+ @680 – 1080 nm
OD 6+ @694 – 1065 nm
OD 3+ @2750 – 3000 nm

PRODUCT TYPE LASER PROTECTIVE SHEETING

MATERIAL ACRYLIC

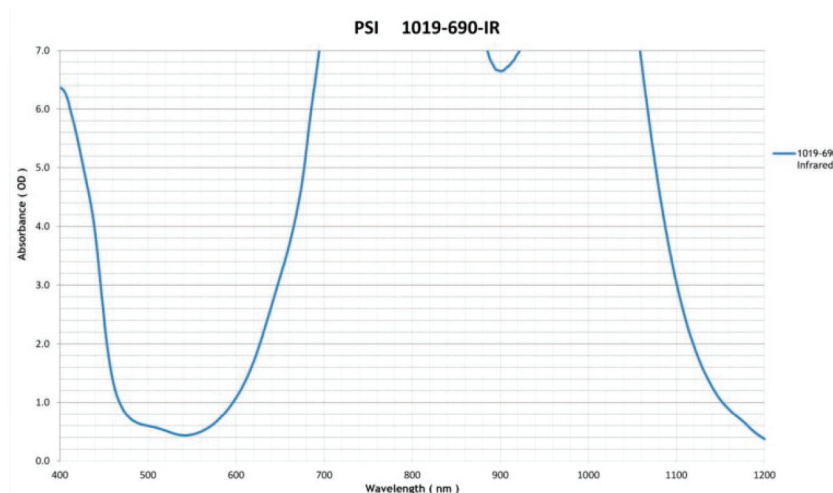
SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 22%

THICKNESS 0.150"

COLOR GREEN

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 830 LASER PROTECTIVE ACRYLIC SHEET, DARK GREEN

PART NUMBER ALS-DYAG

PRODUCT SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @190-399nm
OD 2+ @400-480nm
OD 2+ @750-1900nm
OD 3+ @800-1800nm
OD 5+ @830-1700nm
OD 6+ @1064nm
OD 5+ @10,600nm

PRODUCT TYPE LASER PROTECTIVE SHEETING

MATERIAL ACRYLIC

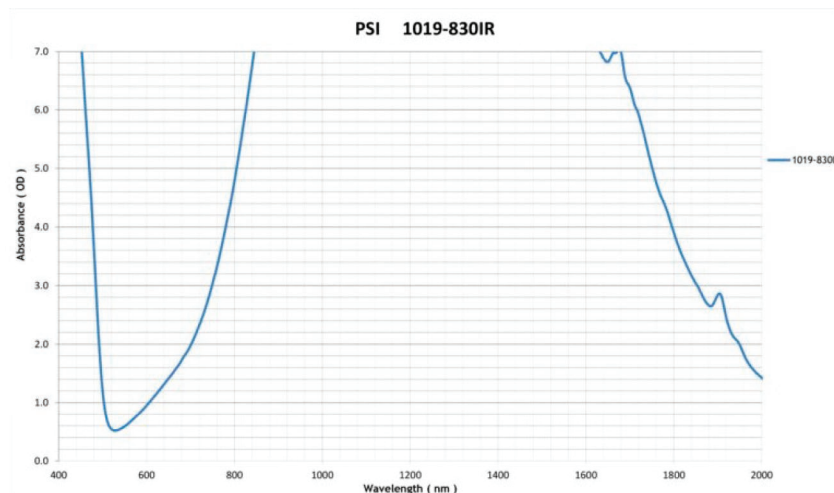
SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 25%

THICKNESS 0.150"

COLOR DARK GREEN

WAVELENGTH CHART



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LASER WINDOWS & SHEETING

PRODUCT SPECIFICATION



PRODUCT NAME ALEXANDRITE, DIODE, YAG LASER PROTECTIVE ACRYLIC SHEET, LIGHT GREEN

PART NUMBER ALS-ADY

PRODUCT SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @190-375nm
OD 5+ @760-1070nm
OD 6+ @1064nm
OD 5+ @10,600nm

PRODUCT TYPE LASER PROTECTIVE SHEETING

MATERIAL ACRYLIC

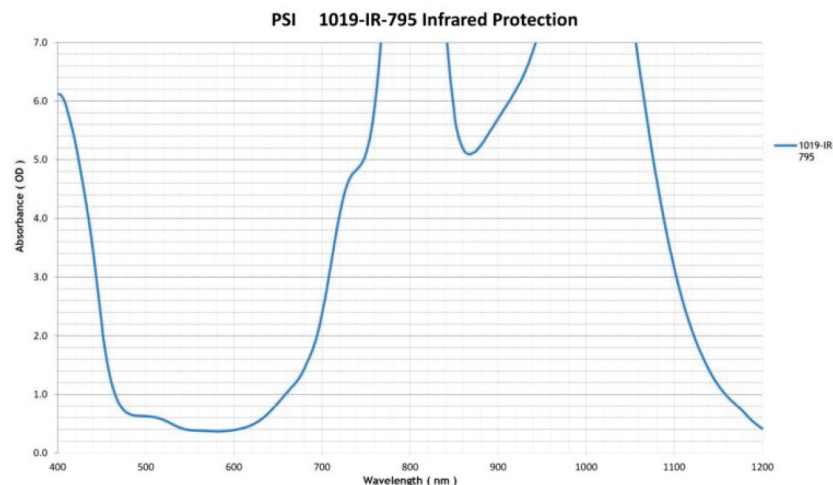
SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 42%

THICKNESS 0.150"

COLOR LIGHT GREEN

WAVELENGTH CHART



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

LASER WINDOWS & SHEETING

PRODUCT SPECIFICATION



PRODUCT NAME ALS 1100 LASER PROTECTIVE ACRYLIC SHEET, GREEN

PART NUMBER ALS-1100

PRODUCT SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ 1000nm - 1130nm
OD 6+ 1060nm - 1100nm
OD 5+ 10,600nm

PRODUCT TYPE LASER PROTECTIVE SHEETING

MATERIAL ACRYLIC

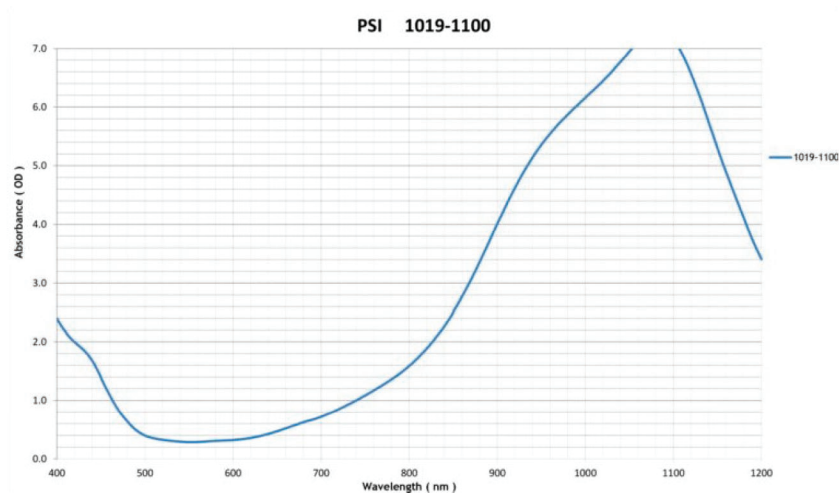
SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 46%

THICKNESS 0.125", 0.250"

COLOR GREEN

WAVELENGTH CHART



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

LASER WINDOWS & SHEETING

PRODUCT SPECIFICATION



PRODUCT NAME ALS 2000 MID-IR LASER PROTECTIVE ACRYLIC SHEET, LIGHT BLUE

PART NUMBER ALS-2000

PRODUCT SPECIFICATION

PROTECTION SPECIFICATIONS

OD 4+ @1900 to 2700 nm
OD 5+ @10,600 nm

PRODUCT TYPE LASER PROTECTIVE SHEETING

MATERIAL ACRYLIC

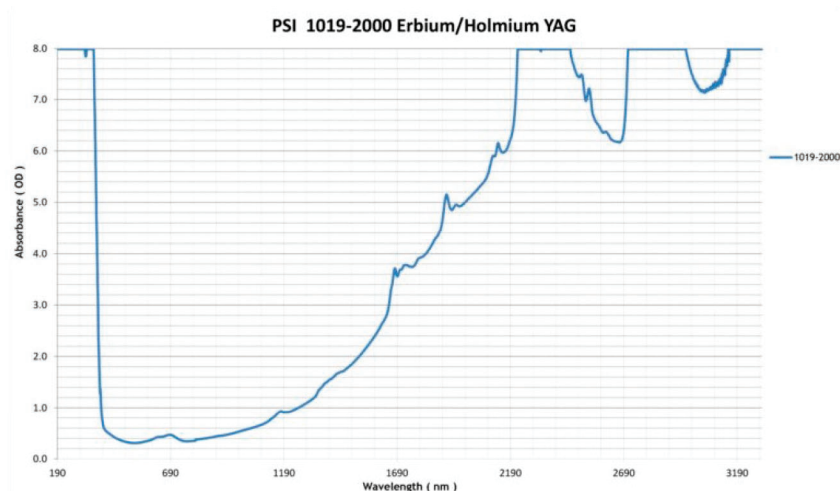
SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 55%

THICKNESS 0.125"

COLOR LIGHT BLUE

WAVELENGTH CHART



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

LASER WINDOWS & SHEETING

PRODUCT SPECIFICATION



PRODUCT NAME ALS-YAG NEAR IR LASER PROTECTIVE ACRYLIC SHEET, PALE GREEN

PART NUMBER ALS-YAG

PRODUCT SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @190-375nm
OD 5+ @900-1070nm
OD 6+ @1064nm
OD 5+ @10,600nm

PRODUCT TYPE LASER PROTECTIVE SHEETING

MATERIAL ACRYLIC

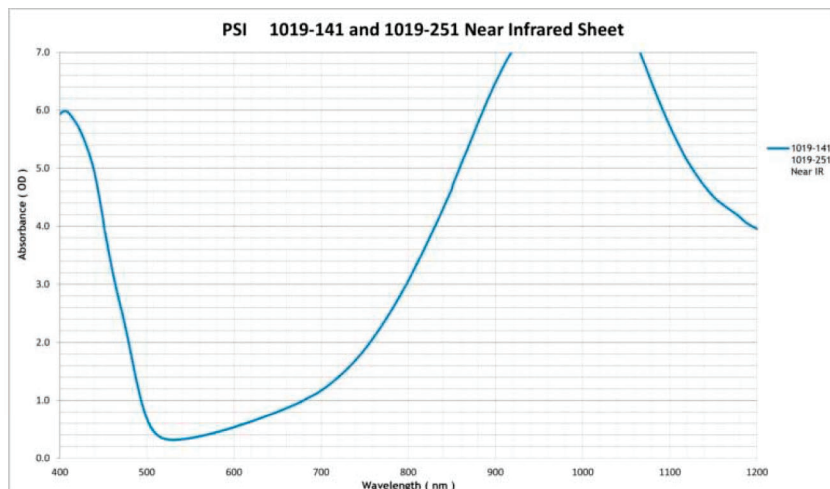
SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 40%

THICKNESS 0.140", 0.250"

COLOR PALE GREEN

WAVELENGTH CHART



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

LASER WINDOWS & SHEETING

PRODUCT SPECIFICATION



PRODUCT NAME ARGON, DIODE, ND-YAG, CO2 LASER PROTECTIVE ACRYLIC SHEET, AMBER

PART NUMBER ALS-YHAD

PRODUCT SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @190-375nm
OD 4+ @376-533nm
OD 5+ @1064nm
OD 4+ @900-1070nm
OD 5+ @10,600nm

PRODUCT TYPE LASER PROTECTIVE SHEETING

MATERIAL ACRYLIC

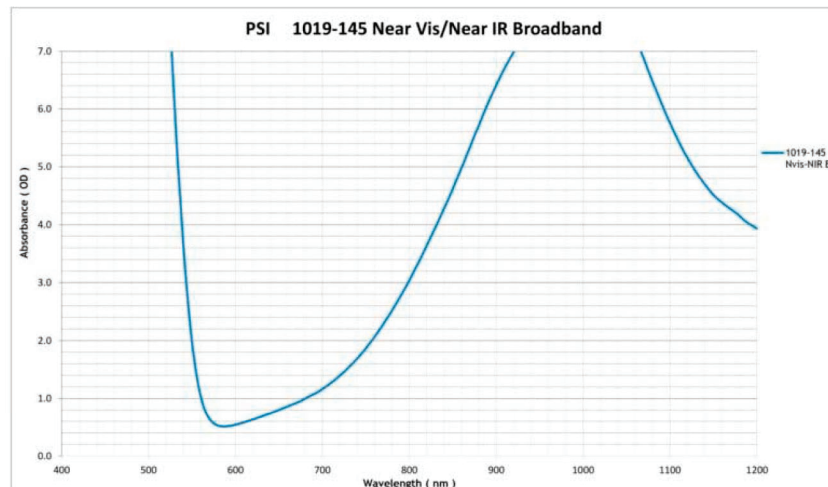
SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 16.5%

THICKNESS 0.140"

COLOR RED

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.

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

LASER WINDOWS & SHEETING

PRODUCT SPECIFICATION



PRODUCT NAME BLUE IR LASER SAFETY WINDOW

PART NUMBER ALS-BLUEIR

PRODUCT SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ from 190-375nm
OD 5+ from 860-3300nm
OD 6+ from 900-2500nm
OD 6+ from 2700-3300nm
OD 7+ from 1060-2500nm
OD 7+ from 2720-3300nm
OD 5+ @ 10,600nm

PRODUCT TYPE LASER PROTECTIVE SHEETING

MATERIAL ACRYLIC

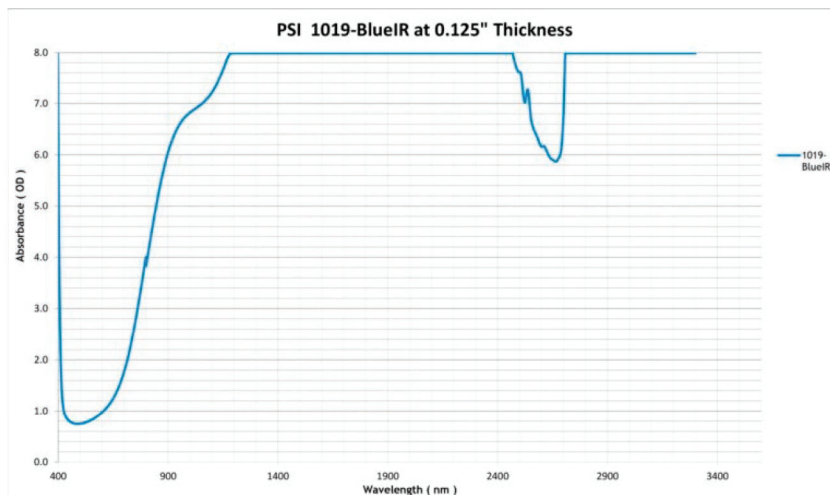
SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 22%

THICKNESS 0.125"

COLOR BLUE

WAVELENGTH CHART



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

LASER WINDOWS & SHEETING

PRODUCT SPECIFICATION



PRODUCT NAME DYE LASER PROTECTIVE ACRYLIC SHEET, VIOLET

PART NUMBER ALS-DYE

PRODUCT SPECIFICATION

PROTECTION SPECIFICATIONS

OD 3+ @575-590nm
OD 5+ @578-588nm
OD 6+ @580-585nm
OD 5+ @10600nm

PRODUCT TYPE LASER PROTECTIVE SHEETING

MATERIAL ACRYLIC

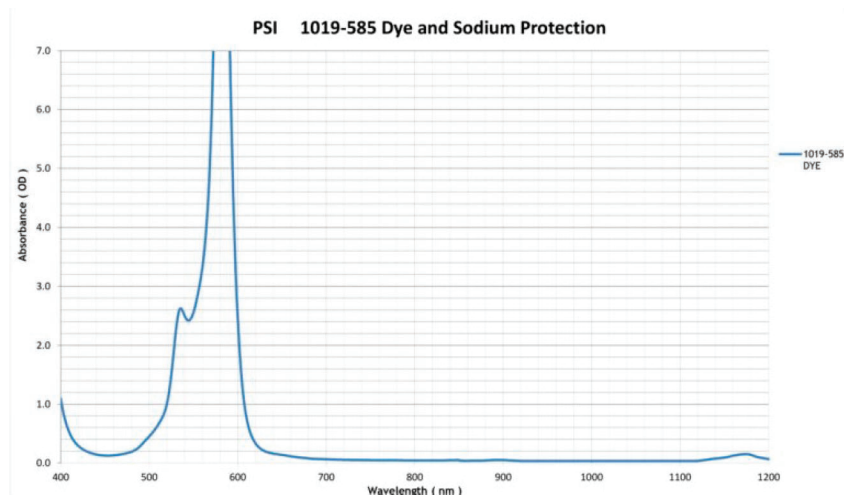
SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 26%

THICKNESS 0.150"

COLOR VIOLET

WAVELENGTH CHART



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LASER WINDOWS & SHEETING

LENS FILTER SPECIFICATIONS



PROTECTION OPTION: FIBER LASER WELDING ACRYLIC SHADE 3

PART NUMBER: ALS-1070-S3-0.125

LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @870-1200nm
OD 6+ @1000-1120nm
OD 7+ @1020-1100nm

Maximum Irradiance: 300W/cm²

LENS TYPE: LASER PROTECTIVE SHEETING

MATERIAL: ACRYLIC

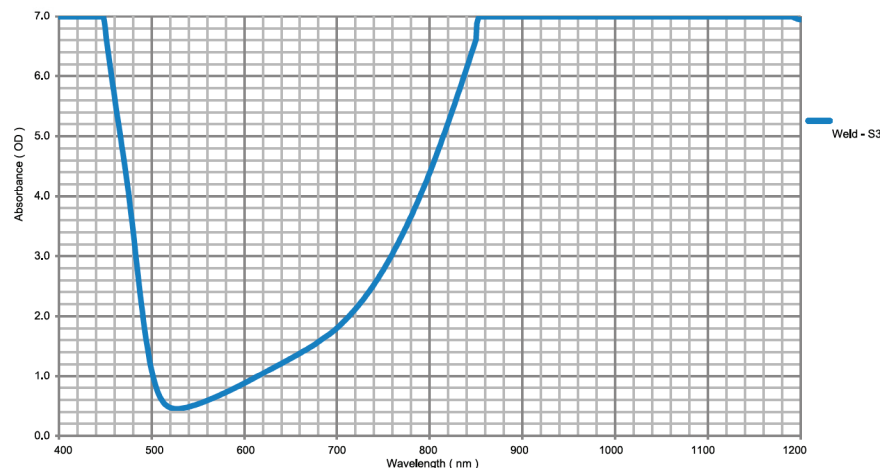
SAFETY RATING: ANSI Z136.1

VISIBLE LIGHT TRANSMISSION: 18%

COLOR: GREEN

THICKNESS: 0.125"

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 Sadert 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.

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

LASER WINDOWS & SHEETING

LENS FILTER SPECIFICATIONS



PROTECTION OPTION: FIBER LASER WELDING ACRYLIC SHADE 5

PART NUMBER: ALS-1070-S5-0.125

LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @870-2700nm
OD 6+ @900-2600nm
OD 7+ @1000-2500nm
OD8+ @1150-2450nm

Maximum Irradiance: 300W/cm²

LENS TYPE: LASER PROTECTIVE SHEETING

MATERIAL: ACRYLIC

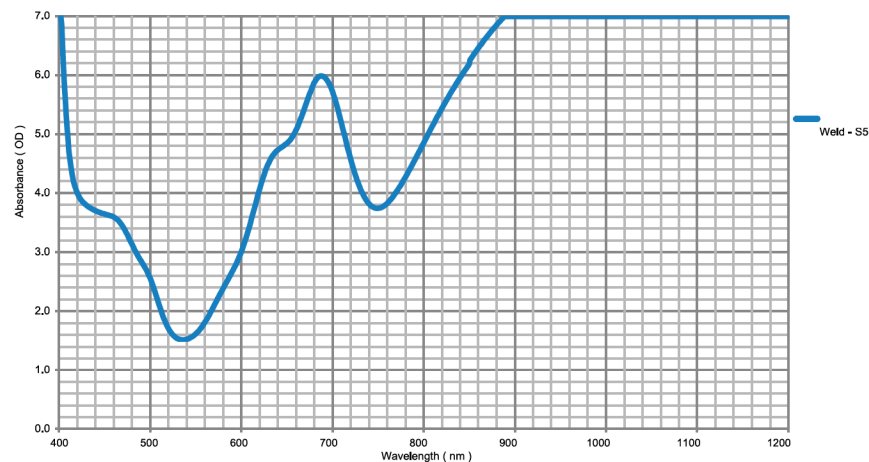
SAFETY RATING: ANSI Z136.1

VISIBLE LIGHT TRANSMISSION: 2%

COLOR: GREEN

THICKNESS: 0.125"

WAVELENGTH CHART



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

LASER WINDOWS & SHEETING

PRODUCT SPECIFICATION



PRODUCT NAME HENE LASER PROTECTIVE ACRYLIC SHEET, BLUE

PART NUMBER ALS-HN

PRODUCT SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @190-375 nm
OD 2+ @575-720 nm
OD 3+ @590-710 nm
OD 4+ @600-700 nm
OD 5+ @610-694 nm
OD 6+ @647-694 nm
OD 5+ @10,600 nm

PRODUCT TYPE LASER PROTECTIVE SHEETING

MATERIAL ACRYLIC

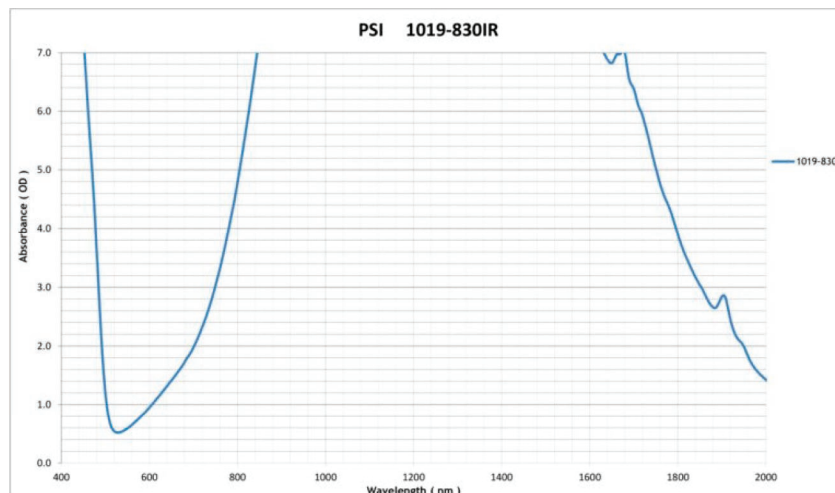
SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 18%

THICKNESS 0.150"

COLOR BLUE

WAVELENGTH CHART



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

LASER WINDOWS & SHEETING

PRODUCT SPECIFICATION



PRODUCT NAME HT-YAG LASER PROTECTIVE ACRYLIC SHEET, PALE GREEN

PART NUMBER ALS-HTYAG

PRODUCT SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @190-400nm
OD 3+ @800-1080nm
OD 5+ @860-1064nm
OD 6+ @1064nm
OD 5+ @10600nm

PRODUCT TYPE LASER PROTECTIVE SHEETING

MATERIAL ACRYLIC

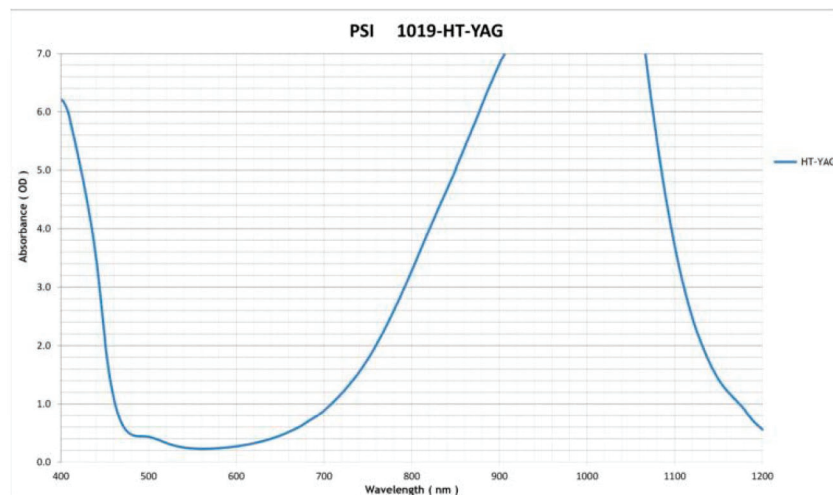
SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 65%

THICKNESS 0.125", 0.250"

COLOR PALE GREEN

WAVELENGTH CHART



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LASER WINDOWS & SHEETING

PRODUCT SPECIFICATION



PRODUCT NAME IR DIODE LASER PROTECTIVE ACRYLIC SHEET, ROSE

PART NUMBER ALS-AD

PRODUCT SPECIFICATION

PROTECTION SPECIFICATIONS

OD 3 @720-870nm
OD 5 @730-855nm
OD 7 @750-840nm
OD 5+ @10,600nm

PRODUCT TYPE LASER PROTECTIVE SHEETING

MATERIAL ACRYLIC

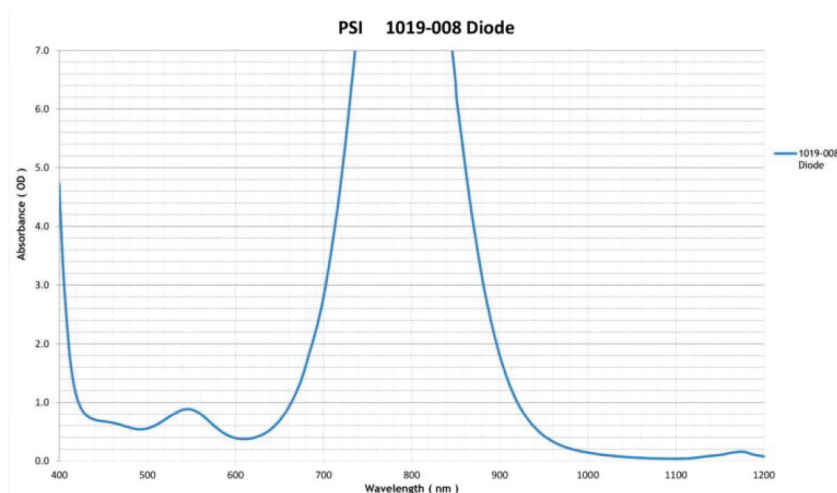
SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 25%

THICKNESS 0.150"

COLOR ROSE

WAVELENGTH CHART



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LASER WINDOWS & SHEETING

PRODUCT SPECIFICATION



PRODUCT NAME NEAR VIS LASER PROTECTIVE ACRYLIC SHEET, ORANGE

PART NUMBER ALS-AKP

PRODUCT SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @190-532nm
OD 5+ @10,600nm

PRODUCT TYPE LASER PROTECTIVE SHEETING

MATERIAL ACRYLIC

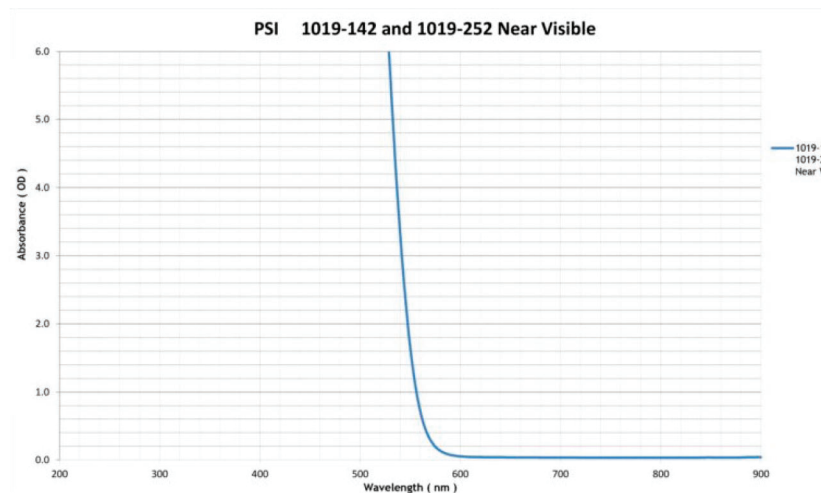
SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 41%

THICKNESS 0.140", 0.250"

COLOR ORANGE

WAVELENGTH CHART



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LASER WINDOWS & SHEETING

PRODUCT SPECIFICATION



PRODUCT NAME RUBY LASER PROTECTIVE ACRYLIC SHEET, LIGHT BLUE

PART NUMBER ALS-RBY

PRODUCT SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @190-375nm
OD 2+ @630-730nm
OD 3+ @650-720nm
OD 5+ @670-710nm
OD 6+ @694nm
OD 5+ @10600nm

PRODUCT TYPE LASER PROTECTIVE SHEETING

MATERIAL ACRYLIC

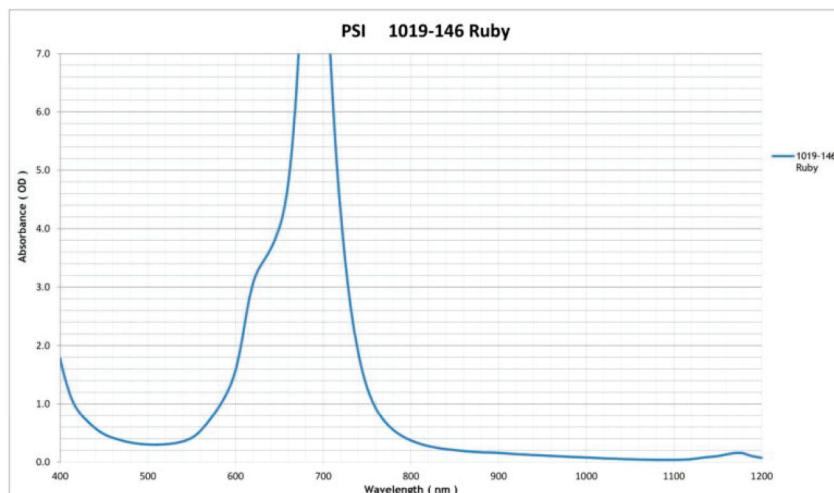
SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 45%

THICKNESS 0.140"

COLOR LIGHT BLUE

WAVELENGTH CHART



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LASER WINDOWS & SHEETING

PRODUCT SPECIFICATION



PRODUCT NAME UV/EXCIMER LASER PROTECTIVE ACRYLIC SHEET, CLEAR

PART NUMBER ALS-CD2

PRODUCT SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5 @190-375nm
OD 5+ @10,600nm

PRODUCT TYPE LASER PROTECTIVE SHEETING

MATERIAL ACRYLIC

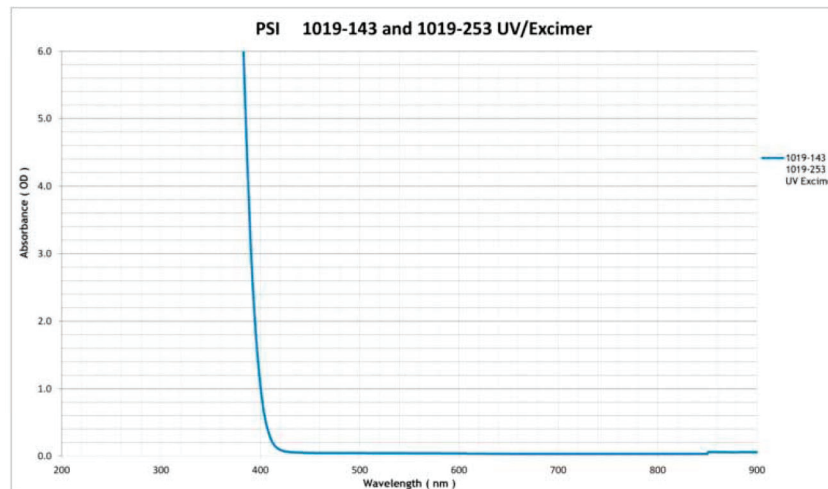
SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 90%

THICKNESS 0.140", 0.250"

COLOR CLEAR

WAVELENGTH CHART



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LASER WINDOWS & SHEETING

PRODUCT SPECIFICATION



PRODUCT NAME UV/EXCIMER LASER PROTECTIVE ACRYLIC SHEET, YELLOW

PART NUMBER ALS-CD2-Y

PRODUCT SPECIFICATION

PROTECTION SPECIFICATIONS

OD 6+ from 190-380nm
OD5+ from 381-450nm
OD 5+ @ 10,600nm

PRODUCT TYPE LASER PROTECTIVE SHEETING

MATERIAL ACRYLIC

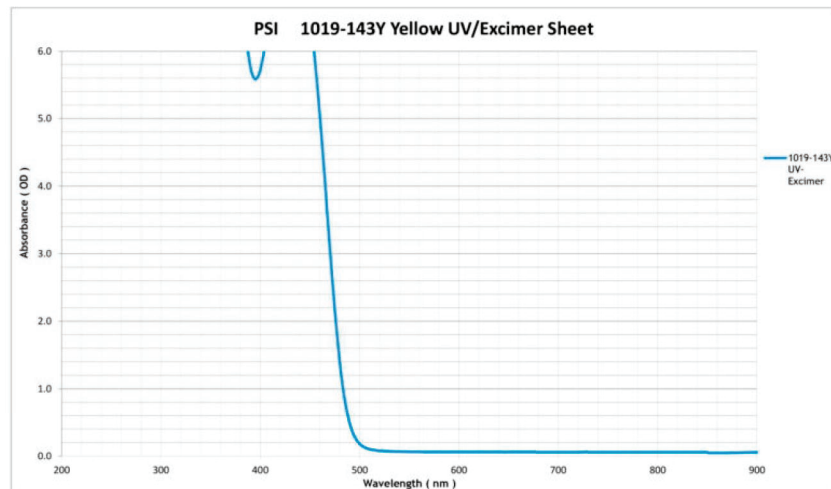
SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 84%

THICKNESS 0.140"

COLOR YELLOW

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.

CATEGORY INFORMATION
LASER SAFETY WINDOWS

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

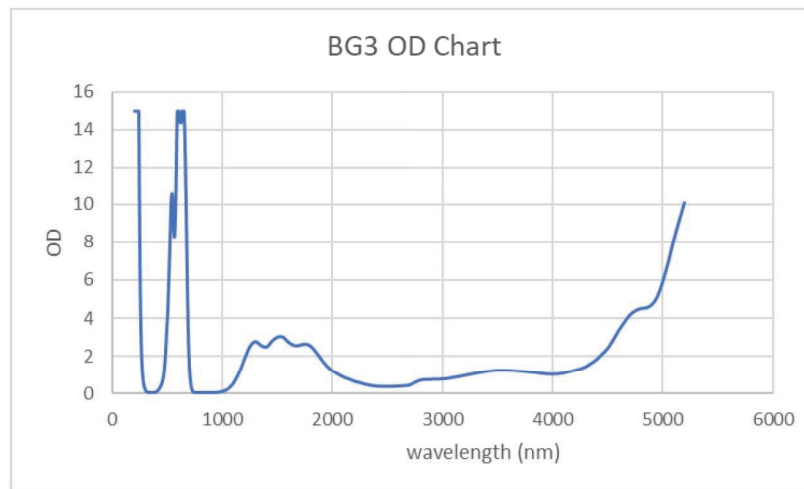
SAFETY RATING ANSI Z136.1 and CE EN207

VISIBLE LIGHT TRANSMISSION 14%

DIMENSIONS 6.5" x 6.5", 3.2mm Thickness

COLOR Purple

WAVELENGTH CHART



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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

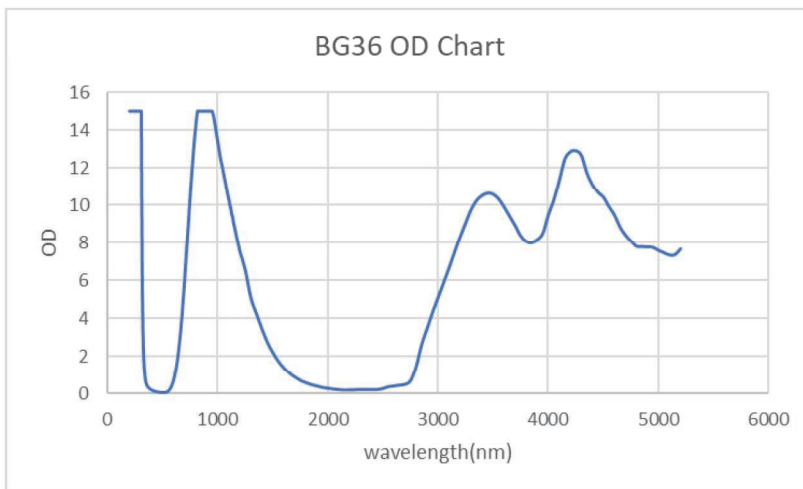
SAFETY RATING ANSI Z136.1 and CE EN207

VISIBLE LIGHT TRANSMISSION 71%

DIMENSIONS 6.5" x 6.5", 3.2mm Thickness

COLOR Brown

WAVELENGTH CHART



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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

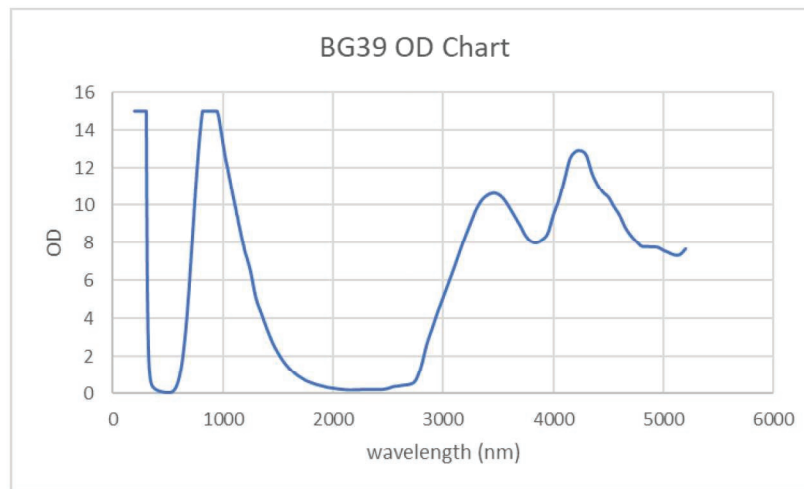
SAFETY RATING ANSI Z136.1 and CE EN207

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

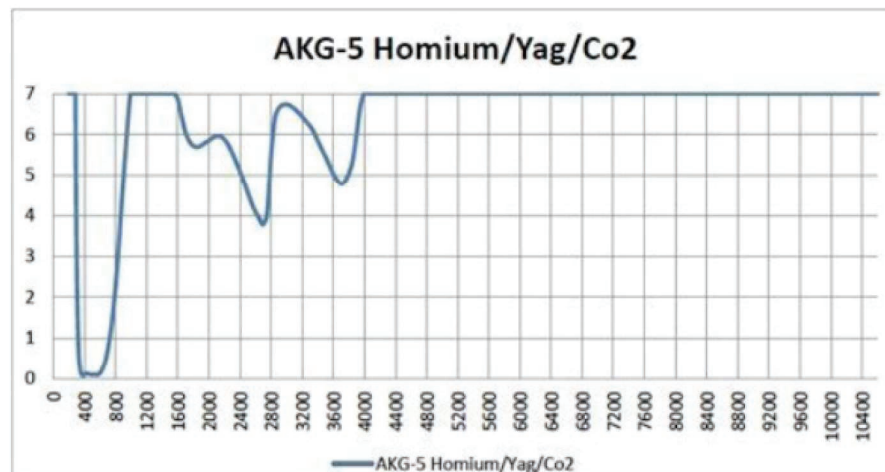
SAFETY RATING ANSI Z136.1 and CE EN207

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

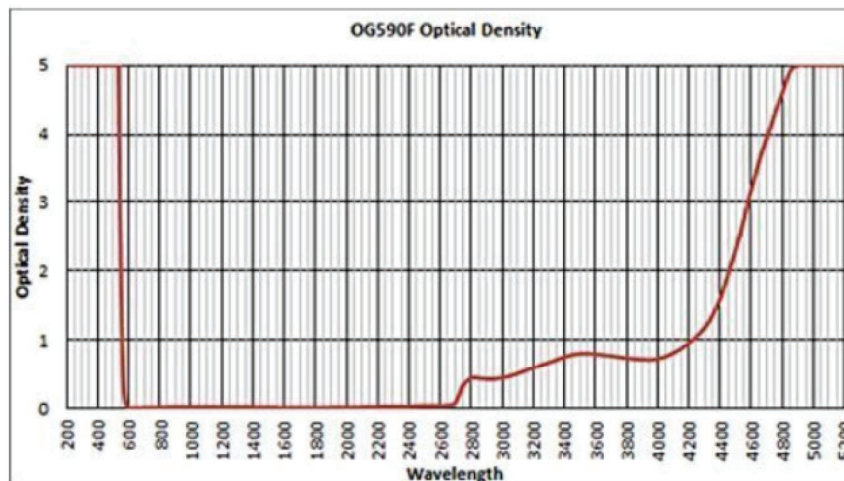
SAFETY RATING ANSI Z136.1 and CE EN207

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

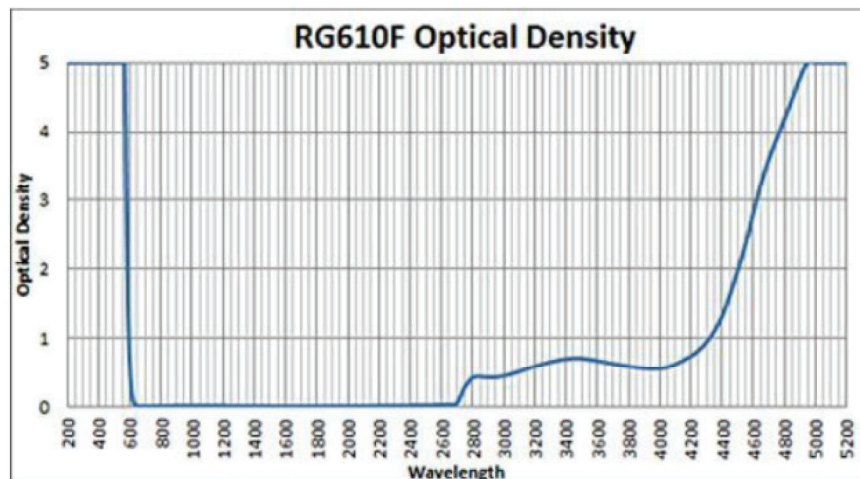
SAFETY RATING ANSI Z136.1 and CE EN207

VISIBLE LIGHT TRANSMISSION 38%

DIMENSIONS 6.5" x 6.5", 3.2mm Thickness

COLOR Pink

WAVELENGTH CHART



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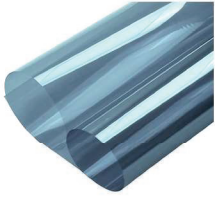
CATEGORY INFORMATION
LASER SAFETY WINDOWS

A large, stylized letter 'P' in a teal color serves as a background for the right side of the page. The 'P' is composed of thick, rounded strokes, with a central circle and a vertical stem that curves at the bottom.

PHILLIPS SAFETY WINDOW FILM

LASER WINDOWS & SHEETING

PRODUCT SPECIFICATION



PRODUCT NAME Laser Protection Removable Film for UV,Nd:YAG and Holmium

PART NUMBER YLC-1PLUS

PRODUCT SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @266 – 355nm
OD 5+ @1064nm
OD 3+ @808 – 2100nm
OD 3+ @10600nm

PRODUCT TYPE Laser Protection Removable Film

MATERIAL Film

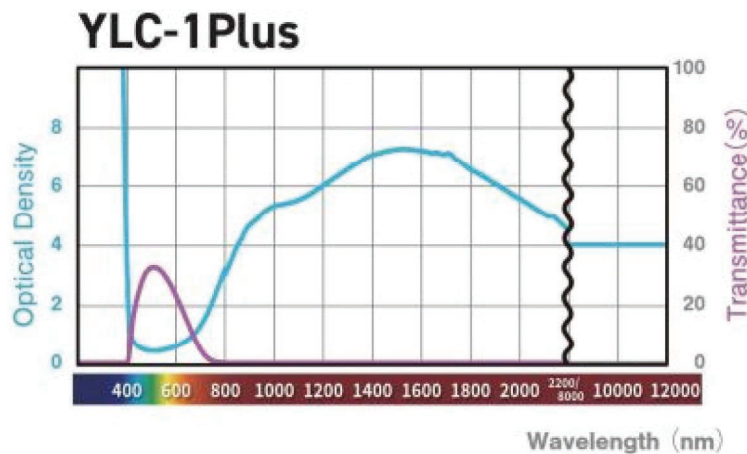
SAFETY RATING ANSI Z136.1 and CE EN207

VISIBLE LIGHT TRANSMISSION 30%

DIMENSIONS 1 meter wide (39.5"), minimum length 1/2 meter

COLOR Light Blue

WAVELENGTH CHART



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LASER WINDOWS & SHEETING

PRODUCT SPECIFICATION



PRODUCT NAME Laser Protection Removable Film for Argon and KTP

PART NUMBER YLC-2

PRODUCT SPECIFICATION

PROTECTION SPECIFICATIONS

OD 3+ @532nm
OD 3+ @514.5nm
OD 3+ @488nm
OD 3+ @441nm

PRODUCT TYPE Laser Protection Removable Film

MATERIAL Film

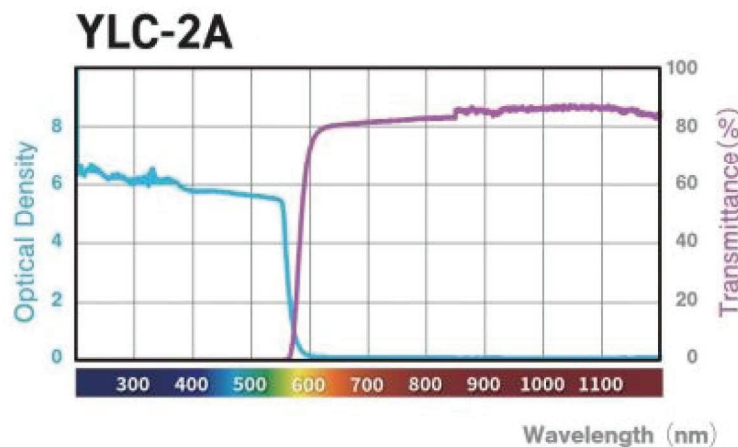
SAFETY RATING ANSI Z136.1 and CE EN207

VISIBLE LIGHT TRANSMISSION 30%

DIMENSIONS 1 meter wide (39.5"), minimum length 1/2 meter

COLOR Orange

WAVELENGTH CHART



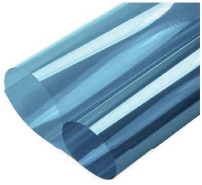
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LASER WINDOWS & SHEETING

PRODUCT SPECIFICATION



PRODUCT NAME Laser Protection Removable Film for UV,Nd:YAG and Diode Applications

PART NUMBER LPF-YAGDIO

PRODUCT SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @266 – 355nm
OD 5+ @1064nm
OD 3+ @808 – 2100nm
OD 3+ @10600nm

PRODUCT TYPE Laser Protective Removable Window Film

MATERIAL Film

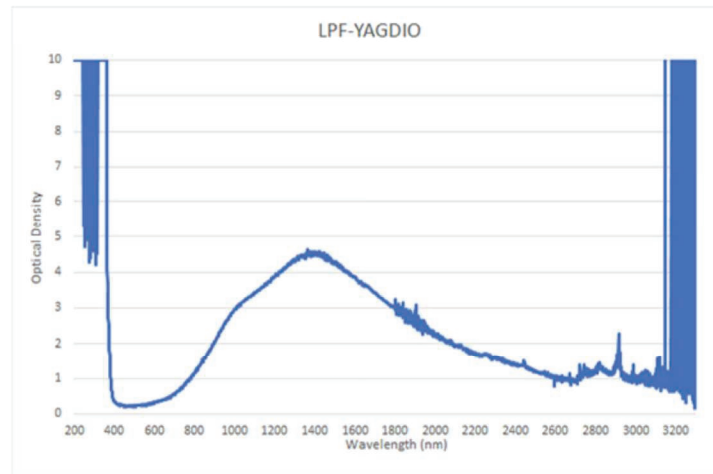
SAFETY RATING ANSI Z136.1 and CE EN207

VISIBLE LIGHT TRANSMISSION 30%

DIMENSIONS Width: 1 to 59 in, Length: 1 to 1180 in

COLOR Light Blue

WAVELENGTH CHART



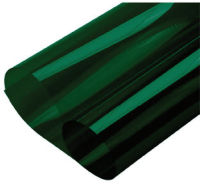
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LASER WINDOWS & SHEETING

PRODUCT SPECIFICATION



PRODUCT NAME Laser Protection Removable Film for YLC-3

PART NUMBER YLC-3

PRODUCT SPECIFICATION

PROTECTION SPECIFICATIONS

OD 3+ @585nm - 810nm

PRODUCT TYPE Laser Protection Removable Film

MATERIAL Film

SAFETY RATING CE EN12254

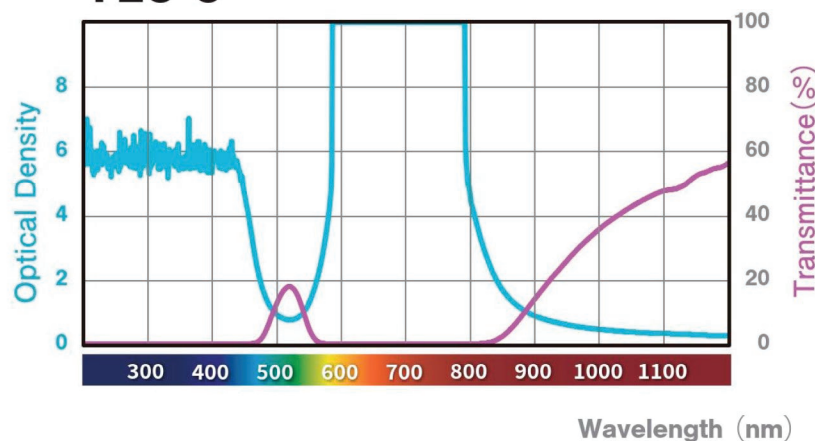
VISIBLE LIGHT TRANSMISSION 3%

DIMENSIONS 1 m x 0.5m, 1 m x 1 m - 10 m. 0.5mm Thickness

COLOR Green

WAVELENGTH CHART

YLC-3



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PRODUCT INFORMATION

LASER WINDOW FILM

Effortless installation in any location, ensuring the safeguarding of workers from laser exposure.



Simple and versatile installation with just water.



Ideal for smooth surfaces like glass windows or inspection windows



Customizable sizing due to its soft PVC material.



Suitable for multiple laser lights or wavelengths.



Enhanced shielding performance when layered over laser shield products.

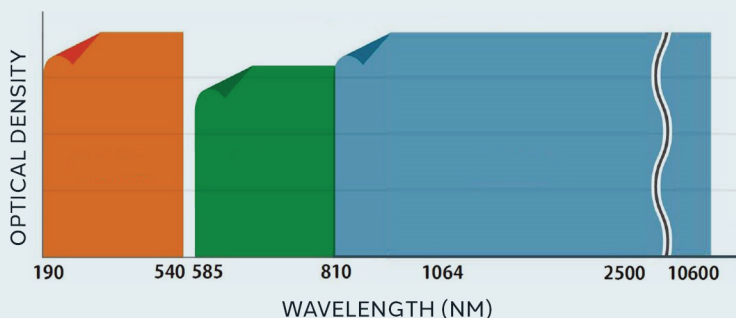
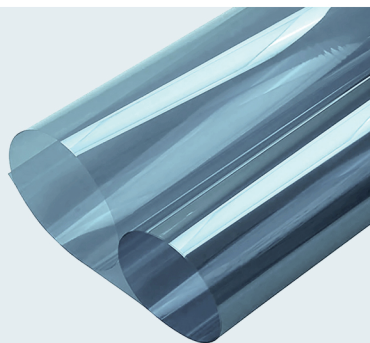
ANSI Z136.1 AND CE EN207 CERTIFIED

Phillips Safety offers laser protective removable window films with three different laser filters, all of which meet or exceed ANSI Z136.1 and CE EN207 safety standards. They have 30% of visible light transmission.

- Argon and KTP
- UV,Nd:YAG and Diode
- UV,Nd:YAG and Holmium

CUSTOMIZED DIMENSIONS

Our laser protection removable films can be manufactured in custom dimensions, providing tailored solutions for your specific needs.



Three filter types spanning a broad spectrum of wavelengths.



MAIN FEATURES

NO NEED FOR ADHESIVE

Simple installation, anytime, anywhere, and as often as needed. Requires water only for installation.

Utilizes self-adhesive properties, making application and removal simple.

IDEAL FOR SMOOTH SURFACES

Effortless installation on smooth surfaces, like glass windows or inspection windows.

CUSTOMIZABLE SIZING

Made from soft PVC material, facilitating simple cutting to achieve the desired dimensions.

VERSATILE PVC MATERIAL

Allows for effective light-shielding on various surfaces, be they irregular, curved, or polyhedral, as long as they are smooth.

ENHANCED SHIELDING PERFORMANCE

When layered over YLC shield products, it achieves high-performance and a wide range of wavelength shielding.

Suitable for handling multiple laser lights or wavelengths by overlaying multiple YLC shield products, adjusting OD specifications, or shielding across various wavelength ranges.



SPECIFICATIONS

	Argon and KTP	UV,Nd:YAG and Diode	UV,Nd:YAG and Holmium
Material	PVC		
Color	Orange	Light Blue	Light Blue
Safety Standards	ANSI Z136.1 and CE EN207		
Size	Width: 1 meter (39.5") Length: Minimum 1/2 meter	Width: 1-59 inches Length: 1-1180 inches	Width: 1 meter (39.5") Length: Minimum 1/2 meter
VLT	30%		
Flame Proof	Nonflammable Oxygen index 25 (JIS K-7201-A)		

BEFORE USE

To ensure effective adhesive strength, it is essential to follow these guidelines.

SURFACE CONDITION

- The surface to which the product will be attached must be smooth.
- Ensure an adequate attached area for proper adhesion.
- Avoid attaching to surfaces with dirt or oil, as this can compromise adhesion.

AIR BUBBLES

- When applying the product, take care to minimize the presence of air bubbles between the curtain and the glass surface.
- Note that the presence of air bubbles will not impact the light-shielding performance. However, it may lead to reduced adhesion or product detachment.

COMPATIBILITY

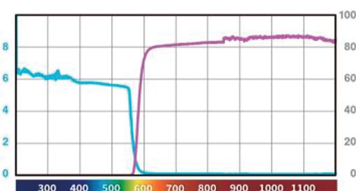
- When using a combination of different products, there might be variations in adhesion between them.
- In some cases, color transfer may occur between products.
- Importantly, such variations and color transfer do not affect the overall performance or safety of the product.

WAVELENGTH INFORMATION

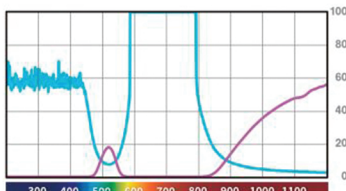
— OPTICAL DENSITY

— TRANSMITTANCE (%)

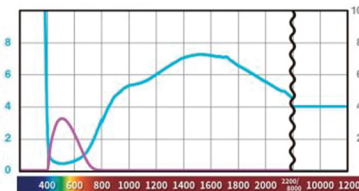
ARGON AND KTP



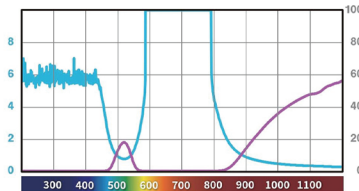
UV,ND:YAG AND DIODE



UV,ND:YAG AND HOLMIUM



YLC-3



CONTACT

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

123 Lincoln Blvd, Middlesex, NJ 08846, USA



+1 (866) 575 1307



service@phillips-safety.com



www.phillips-safety.com

