

# LASER SAFETY FACE SHIELD

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 FACE SHIELD

Laser safety face shields are specialized protective equipment designed to shield the face and eyes from the potential hazards of laser radiation. These face shields are constructed using materials that have been specifically chosen for their ability to block or absorb specific wavelengths of laser light. They feature a durable curved polycarbonate visor that provides visibility while offering a reliable barrier against harmful laser beams.

Phillips Safety's laser face shields provide maximum laser protection for your face and eyes. They come with an adjustable head strap and a ratcheting nape strap for a customized fit. They also have a pivot action feature that allows them to be lifted while being worn. Plus, all of our laser safety face shields comply with ANSI Z136.1 safety standards.

Our collection includes laser safety face shields for different laser applications. Each of them provides protection for different wavelengths, which can be verified in each product.



**CATEGORY INFORMATION**  
**LASER SAFETY FACE SHIELD**



The laser filters, visor colors, and Visible Light Transmissions (VLT) available for our face shields are indicated below.

The laser shield for YAG and KTP applications has a brown visor with VLT of 27%. For UV and CO2 applications, the shield comes with a clear visor and a VLT of 82%. The Ruby variant has a light blue visor with a VLT of 47%. The ND:YAG shield features a green visor with a VLT of 70%. The ND:YAG97 variant also comes with a green visor, but with a VLT of 25%. The Diode shield includes a pink visor and a VLT of 30%. Lastly, for Argon and KTP applications, we provide an orange visor with a VLT of 55%.

Essential in industries where lasers are used, such as healthcare, research, and manufacturing, laser safety face shields help prevent eye injuries and protect the delicate tissues of the face from the damaging effects of laser radiation. Experience the exceptional quality and reliability of Phillips Safety's laser safety face shields, designed to safeguard your well-being in laser-intensive environments.

**CATEGORY INFORMATION**  
LASER SAFETY FACE SHIELD



**PHILLIPS SAFETY**  
**LASER FACE SHIELD**

## PRODUCT INFORMATION

### LASER SAFETY FACE SHIELD FOR ARGON AND KTP



The Laser Safety Face Shield for Argon and KTP applications provides protection for the face and eyes. This face shield features an adjustable head strap and a ratcheting nape strap for a custom fit. Pivot action allows the shield to be lifted while worn. Plus, it is available in an orange curved polycarbonate lens.

## SPECIFICATION

**OD 5+ @ 190-532nm**

**OD 5+ @ 10600nm**

**VLT: 55%**

**LENS COLOR: Orange**

**LASER FILTER TYPE: Argon KTP**

**SHIELD MATERIAL: Polycarbonate**

**PRODUCT INFORMATION**  
LASER SAFETY FACE SHIELD FOR DIODE



The Laser Safety Face Shield for Diode applications provides protection for the face and eyes. The FSD face shield provides maximum protection and features an adjustable head strap and a ratcheting nape strap for custom fit. Pivot action allows shield to be lifted while worn. Plus, it is available in Pink curved polycarbonate lens.

**SPECIFICATION**

**OD 5+ @ 730-855nm**

**OD 7+ @ 750-840nm**

**OD 5+ @ 10600nm**

**VLT: 30%**

**LENS COLOR: Pink**

**LASER FILTER TYPE: Diode**

**SHIELD MATERIAL: Polycarbonate**

**PRODUCT INFORMATION**  
LASER SAFETY FACE SHIELD FOR ND:YAG



The Laser Safety Face Shield for ND:YAG applications provides protection for the face and eyes. The FSD face shield provides maximum protection and features an adjustable head strap and a ratcheting nape strap for custom fit. Pivot action allows shield to be lifted while worn. Plus, it is available in green curved polycarbonate lens.

**SPECIFICATION**

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**OD 4+@200-400nm**

**OD 3 @808-1090nm**

**OD 6+@840-1070nm**

**OD 7+@1064nm**

**OD 5+@9000-10600nm**

**VLT: 70%**

**LENS COLOR: Green**

**LASER FILTER TYPE: YAG**

**SHIELD MATERIAL: Polycarbonate**



## PRODUCT INFORMATION

LASER SAFETY FACE SHIELD FOR ND:YAG97



The Laser Safety Face Shield for ND:YAG97 applications provides protection for the face and eyes. The FSD face shield provides maximum protection and features an adjustable head strap and a ratcheting nape strap for custom fit. Pivot action allows shield to be lifted while worn. Plus, it is available in green curved polycarbonate lens.

## SPECIFICATION

**OD 6+ @ 200-430nm**

**OD 2+ @ 430-480nm**

**OD 2 @ 755-829nm**

**OD 4+ @ 830-1700nm**

**OD 6+ @ 930-1090nm**

**OD 5+ @ 10600nm**

**VLT: 25%**

**LENS COLOR: Green**

**LASER FILTER TYPE: YAG97**

**SHIELD MATERIAL: Polycarbonate**

**PRODUCT INFORMATION**  
LASER SAFETY FACE SHIELD FOR RUBY



The Laser Safety Face Shield for Ruby applications provides protection for the face and eyes. The FSD face shield provides maximum protection and features an adjustable head strap and a ratcheting nape strap for custom fit. Pivot action allows shield to be lifted while worn. Plus, it is available in Light Blue curved polycarbonate lens.

**SPECIFICATION**

**OD 5+ @ 190-375nm**  
**OD 2+ @ 670-717nm**  
**OD 4+ @ 680-710nm**  
**OD 5+ @ 693-696nm**  
**OD 6+ @ 694nm**  
**OD 5+ @ 10600nm**

**VLT: 47%**  
**LENS COLOR: Light Blue**  
**LASER FILTER TYPE: Ruby**  
**SHIELD MATERIAL: Polycarbonate**

**PRODUCT INFORMATION**  
LASER SAFETY FACE SHIELD FOR UV AND CO2



The Laser Safety Face Shield for UV and CO2 applications provides protection for the face and eyes. The FSD face shield provides maximum protection and features an adjustable head strap and a ratcheting nape strap for custom fit. Pivot action allows shield to be lifted while worn. Plus, it is available in Clear curved polycarbonate lens.

**SPECIFICATION**

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**OD 6+ @ 200-360nm**

**OD 6+ @ 10600nm**

**VLT: 82%**

**LENS COLOR: Clear**

**LASER FILTER TYPE: UV/Excimer/APK/Co2**

**SHIELD MATERIAL: Polycarbonate**

## PRODUCT INFORMATION

### LASER SAFETY FACE SHIELD FOR YAG AND KTP



The Laser Safety Face Shield for YAG and KTP applications provides protection for the face and eyes. The FSD face shield provides maximum protection and features an adjustable head strap and a ratcheting nape strap for custom fit. Pivot action allows shield to be lifted while worn. Plus, it is available in Brown curved polycarbonate lens.

## SPECIFICATION

**OD 6+ @ 200-532nm**

**OD 4+ @ 850-879nm**

**OD 5+ @ 900-1070nm**

**OD 5+ @ 10600nm**

**VLT: 27%**

**LENS COLOR: Brown**

**LASER FILTER TYPE: Argon KTP, YAG Double, Harmonics**


**SHIELD MATERIAL: Polycarbonate**

# CONTACT

Should you need any further information,  
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