Rapid advancement of laser technology is making laser safety of greater importance than ever before. New lasers in medicine, defense, research and industry present unique challenges for safety and personal protection.

**Laservision USA**, part of uvex safety group, is committed to providing you the best and most innovative laser safety protection. This catalogue features large area protection, offering a variety of standard and custom barriers that are certified to keep you safe. Our Certified Laser Safety Officers (CLSO) are happy to assist you with all of these products, in any way we can.

### LASER SAFETY
### LARGE AREA PROTECTION - CATALOG

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We build our laser safety barriers in-house with guaranteed quality and quick lead times. Our team will work with you to find best solutions for your project requirements.

- **Barriers (Curtains and Panels)**
- **Windows and Domes**

These systems are used to contain hazardous beams and reflections. Additional items include: **Enclosures, Interlocks, Signs and Labels.**

Our protective barriers are tested to withstand laser exposures according to a variety of output parameters such as beam power, beam size, exposure time, and wavelength. Frames and hardware are designed to reduce specular reflection.

**Custom Barriers**

Custom options can take many forms related to workplace installations, and can be integrated into machinery housing. Laservision offers standard and customer-specific solutions for screening which comply with the applicable standards. Due to our wide selection of materials, sizes and solutions, we advise our customers to contact us with their laser and space specifications in order to find the best possible solution.

**Please contact our Laser Safety Experts to discuss your requirements.**

1-800-393-5565
As one of the leading manufacturers of laser safety products, we want to secure and further develop our position through innovative products and services, based on the precise needs of customers. Protecting eyes from artificial optical radiation is our core mission. With our high level of expertise, new ideas and a passionate dedication we will continuously meet this challenge.

Customers must be able to completely rely on laservision.

Our manufacturing expertise throughout the entire process allows us to guarantee high-quality and reliable products, as well as advisory expertise and a personal service. We operate according to three core brand values to ensure we meet the highest standards of safety and reliability at all times.

**Innovation**

Laservision delivers reliable eye protection against laser radiation. Rapid advancements in laser technology mean that we are constantly facing new challenges, which we overcome with innovative products and services. Comprehensive expertise, longstanding experience and a motivated team are the perfect combination to ensure the continued advancement of exceptional innovation at Laservision. In this way, we can stay true to the mission of “We protect your eyes”.

**Quality**

Since 1987, the name Laservision has been synonymous with first-class quality you can rely on. Our well-established technology and development expertise ensures that our innovative products are a step ahead when it comes to quality. The highest quality standards apply to our laser protection products. ISO-certified processes guarantee the reliability, precision and durability of Laservision products at all times. Uncompromising quality is essential, especially in the highly sensitive area of laser protection. The Laservision brand will continue to meet this requirement with innovative, reliable and high-quality products.

**Customer Orientation**

We understand the precise needs of our customers. This knowledge forms the basis and focus of our work. By request, we develop and manufacture customer-specific laser protection products in close collaboration with independent certification bodies. From individual product development to qualified advisory services, protection of health is the core focus at Laservision, in line with the uvex group's brand mission: protecting people. Custom focus is an important part of our brand values.
Our product and services

Your worldwide LASER SAFETY expert for more than thirty years. We specialize in cutting-edge design, innovation, development and manufacturing of laser protective technologies. Laservision offers a full-array of laser safety products in addition to our large area protection, keeping you safe from laser applications in medical, research, industrial, manufacturing fields and more.

Eyewear & Filters (Individuals and Patients)
Created to provide safety, comfort and style that everyone can enjoy wearing. Offering the widest selection of filters (over 2,000+ Glass and Polycarbonate, including custom options) with the highest Optical Density (OD).

Barriers (Curtains, Panels and Enclosures)
Complete line of laser protection systems with well-adapted accessories tested to withstand a variety of laser output parameters. Barrier frames are designed to reduce specular reflections and are supported by heavy-duty hardware that can be mounted or portable to meet your specifications. Curtains and panels can be custom ordered to fit any space.

Windows
Large selection that can be customized to facilitate most laser environments including doors, rooms, walls, laser systems and enclosures. The ultimate protection is our Active Window that will automatically shut down when a laser beam comes in contact with it.

Training & Audits (Online or face-to-face)
Laser Safety Officer or Awareness training taught and created by a Board of Laser Safety Certified professionals (CLSO’s), designed to address safety issues and present methods for controlling laser hazards. We have options for medical, manufacturing, industrial, engineering, military, research labs and universities. Custom training options are available. Contact us for laser safety audits and regulatory approval assistance to be in compliance and avoid accidents and penalties with OSHA and ANSI.
Let us help you to design your next barrier project. Laservision has multiple CLSO’s (Certified Laser Safety Officers) on staff that can help you with your design and layout with CAD (Computer Aided Design) software. Manufactured in-house with guaranteed high-quality materials and short lead times. Our laser safety curtains and panels can be tailor-made in different lengths and sizes to fit any room.

Mounting options - Tracks and Accessories

Industrial grade, tough galvanized steel hardware is our standard mounting solution. We can tailor custom mounting options including ceiling, floor and along the wall, based on your laser safety application.

- Steel wheel trolleys
- Curved or straight tracks
- Base plates for floor mounting
- Window covering and valences
- Black powder coating of hardware
- Laser safety windows inserts
- Fasteners (hook & loop or heavy duty 3M dual lock)
- Grommets
- Magnetic options
- Black aluminum hardware
- Sign pockets
Custom Barriers

Barrier Samples

Floor and WallMounted L-shape with curved corner

Floor mountedPortable Curtain or Panel options

Floor mounted room enclosure layout with curved corners

Our Certified Laser Safety Officers (CLSO) are available to help. Call us at 1-800-393-5565
LASER SAFETY

CURTAINS

At Laservision, we manufacture standard and custom laser safety curtains on-site with the fastest lead time in the industry. Custom-made curtains are tailored to your specific requirements. Our mounting options include ceiling, floor and along the wall.
Laser Safety Curtains

Standard Curtains BC0
Great for basic needs and simple designs. You can build a laser curtain system to fit your room by connecting several curtains together with hook & loop fasteners.
• In-stock, ready to ship
• Maximum irradiance: 200 W/cm² for 100 seconds
• Size 58” x 96”
• Window cover options

Window Covers
Options for grommet, hook & loop or magnet installation.

Portable Curtains BC4
This curtain offers mobility with locking casters.
• Heavy-duty steel frame
• Easy to store and move
• Standard and custom sizes

Roller Shades BRS
Easily rolls up to keep your window view when the laser is not in use.
Curtain Examples

According to the standards of laser safety each laser must be enclosed to ensure no dangerous radiation can escape under predictable conditions. Dangerous refers to the accessible amount of radiation below the MPE (Maximum Permissible Exposure) values for eyes and skin.
## Curtain Specifications

<table>
<thead>
<tr>
<th>Part #</th>
<th>F5P06</th>
<th>F5P01</th>
<th>F5P02</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Images</strong></td>
<td><img src="image1" alt="Image" /></td>
<td><img src="image2" alt="Image" /></td>
<td><img src="image3" alt="Image" /></td>
</tr>
<tr>
<td><strong>Layers</strong></td>
<td>1 Layers</td>
<td>2 Layers</td>
<td>3 Layers*</td>
</tr>
<tr>
<td><strong>Maximum Irradiance Level</strong></td>
<td>100 W/cm² 100 seconds</td>
<td>200 W/cm² 100 seconds</td>
<td>300 W/cm² 100 seconds</td>
</tr>
<tr>
<td><strong>Description</strong></td>
<td>Fiberglass-based fabric with rubberized silicone coating</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Features</strong></td>
<td>Excellent thermal and flame resistance. Abrasion, puncture and tear resistant. Repels water and oil.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Available Products</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard/Custom Framed Barriers</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Roller Shades</td>
<td>✔️</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>Window Covers</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Optical Table and Enclosures</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
</tr>
</tbody>
</table>

*Includes silica woven inner layer for increased temperature resistance

### Options for EN-rated curtains: International Standards
Built to EN 60825-4 and EN12254 specifications

### Also available:

- **Clean room (C)**
  - White outer layer

- **ESD (E)**
  - Electrostatic discharge protective outer layer
LASER SAFETY

PANELS

Panel systems offer higher protection levels compared to laser safety curtains. Our panel systems provide you with optimum protection in a lightweight structure.

Portable Foldable Panels BM0

- Provides easy movement and storage to maximize your space
- Extremely versatile system constructed with 360° hinges
- Moves and positions easily to fit into your application
- Available: 3, 5, 7 and 9 panel systems, extending to 25' W x 6'10" H
Portable Extendable Panels BM2

- Easy movement and storage to maximize space
- Panels slide easily in and out to fit your application
- Available: 3, 5 and 7 panel systems extending up to 15'6" W x 6'10" H

Custom Framed Panels BM3

- Tailored to your laser containment requirements
- Can be designed as portable or mounted system
- Variety of layout alternatives
- Built from black aluminum hardware

Panel Specifications

<table>
<thead>
<tr>
<th>Part #</th>
<th>M5P06</th>
</tr>
</thead>
<tbody>
<tr>
<td>Images</td>
<td></td>
</tr>
<tr>
<td>Layers</td>
<td>3 Layers</td>
</tr>
<tr>
<td>Maximum Irradiance Level</td>
<td>1,000 W/cm² 100 seconds</td>
</tr>
<tr>
<td>Description</td>
<td>Two layers of aluminum, bonded with corrugated polyallomer core</td>
</tr>
<tr>
<td>Features</td>
<td>Maintenance-free, strong, lightweight, doesn’t swell, chip, corrode, flake or peel</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Wavelength</th>
<th>Maximum Irradiance</th>
<th>Duration in Seconds</th>
</tr>
</thead>
<tbody>
<tr>
<td>810 nm</td>
<td>1,500 W/cm²</td>
<td>100</td>
</tr>
<tr>
<td>1064 nm</td>
<td>2,500 W/cm²</td>
<td>100</td>
</tr>
<tr>
<td>10600 nm</td>
<td>10,000 W/cm²</td>
<td>100</td>
</tr>
</tbody>
</table>

Available Products

- Standard/Custom Framed Barriers
- Extendable and Foldable Barriers
- Optical Table and Enclosures
Panel Examples

ENCLOSURES

Our custom enclosures are individually designed to accommodate your production lines. Each enclosure is certified to protect your employees from laser radiation.

• Laser protection windows allow for safe viewing
• Doors interlocks provide safe access to the line inside
• Design and installation support included
Optical Table Panels

- Provides accessibility to the optical components while maintaining laser safety parameters
- Modular design with time-saving assembly
LASER SAFETY

CONTROL SYSTEM

Laser Sentry™ Entryway Control System
Door and laser control system that manages entry/exit to the laser environment and controls laser emissions. Proven in countless applications including university, government, labs, hospitals, shops, manufacturing and test areas.

- Time saving installation and maintenance
- Microprocessor-based reliable module
- Convenient wall mount enclosure and front-mounted controls
- Easy access to components for connections and repair
- Includes spare relay for maintenance

Accessories:
- Access keypad
- Two-way illuminated sign
- Magnetic lock
- Exit button
- Emergency stop
- Magnetic switches
LED Laser Warning Signs
Using the latest in LED technology, Mini and Large LED Laser Warning Signs are energy efficient.

18.5” LED Laser Warning Sign
AOE.SignL.5000
Large, low-energy, 3-state LED sign controls exit/entrance to your laser environment, indicating hazardous and none-hazardous conditions.
• 3 laser states: ON "Access Prohibited" ON “Access Allowed” and OFF
• Energy efficient - 50,000 operational hours
• Standard size: 18.5 x 7 x 1 inches
• Power supply sold separately
• Custom sizes available

Mini LED Laser Warning Sign
AOE.SignM.5000
Mini LED Laser Warning Sign is an ultra-low-energy 3-state LED sign to control exit/entrance to your laser environment. This sign is very energy efficient as it consumes only 3.6 W of power. With a lifetime in excess of 50,000 operational hours, this sign is effectively maintenance free. The power supply for the sign is sold separately to accommodate your needs.
• Compact LED Laser Warning Sign
• Power consumption of only 3.6 W
• 3 laser states: ON "No Hazard Laser Off" ON “Danger Laser On” and OFF
• Energy efficient - 50,000 operational hours
• Standard size: 6.3 x 4.3 x 1.5 inches
• Power supply sold separately
• Custom sizes available
Laservision offers a wide selection of laser safety windows, ideal for safe viewing of lasers from outside the nominal hazard zone. Acrylic, polycarbonate and glass windows can be customized to different sizes, based on your laser applications. Designed for all laser environments including doors, rooms, curtains and enclosures.

**Active Window**

Ultimate Protection

Lasers continue to increase in power and standard laser safety windows are often unable to reach the required protection rating. These windows provide protection from high-power lasers by immediately shutting the laser down if the beam hits the window.

Call for more information:
800-393-5565
## Windows

### P5D05

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Thickness +/- .02&quot;</th>
<th>Size</th>
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</thead>
<tbody>
<tr>
<td>000.P5D05.5005</td>
<td>.25&quot;</td>
<td>4&quot;x8&quot;</td>
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<tr>
<td>000.P5D05.5001</td>
<td>.25&quot;</td>
<td>12&quot;x12&quot;</td>
</tr>
<tr>
<td>000.P5D05.5002</td>
<td>.25&quot;</td>
<td>12&quot;x24&quot;</td>
</tr>
<tr>
<td>000.P5D05.5003</td>
<td>.25&quot;</td>
<td>12&quot;x36&quot;</td>
</tr>
<tr>
<td>000.P5D05.5004</td>
<td>.25&quot;</td>
<td>24&quot;x24&quot;</td>
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<tr>
<td>000.P5D05.5000</td>
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### P5G02

<table>
<thead>
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<th>Part No.</th>
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<tr>
<td>000.P5G02.5004</td>
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<tr>
<td>000.P5G02.5000</td>
<td>.125&quot;</td>
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</table>

### Optical Density (OD)

- **P5D05**: OD 6+ @ 10600 nm
- **P5G02**: OD 5+ @ 190 - 375 nm, OD 6+ @ 10600 nm

### Lasers

- **P5D05**: CO₂ (Carbon dioxide)
- **P5G02**: CO₂ (Carbon dioxide), Excimer, Nd:YAG (4H), UV

### Sizes

- **P5D05**: Custom sizes are available.
- **P5G02**: Custom sizes are available.

---

**Color:** Clear
**Material:** Acrylic
**VLT:** 90%

**Optical Density (OD)**
OD 6+ @ 10600 nm

**Color:** Light Yellow
**Material:** Acrylic
**VLT:** 92%

**Optical Density (OD)**
OD 5+ @ 190 - 375 nm, OD 6+ @ 10600 nm

---

**Windows**

**P5D05**

- **Color:** Clear
- **Material:** Acrylic
- **VLT:** 90%

**Optical Density (OD)**
OD 6+ @ 10600 nm

**Lasers**

- CO₂ (Carbon dioxide)

<table>
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<tr>
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<tr>
<td>000.P5D05.5254</td>
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<td>24&quot;x24&quot;</td>
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<td>000.P5D05.5250</td>
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**Part No.**

000.P5D05.5255
000.P5D05.5251
000.P5D05.5252
000.P5D05.5253
000.P5D05.5254
000.P5D05.5250

**Thickness +/- .02"**

0.25" 0.25" 0.25" 0.25" 0.25" 0.25"

**Size**

4"x8" 12"x12" 12"x24" 12"x36" 24"x24" 24"x36"

---

**Windows**

**P5G02**

- **Color:** Light Yellow
- **Material:** Acrylic
- **VLT:** 92%

**Optical Density (OD)**
OD 5+ @ 190 - 375 nm, OD 6+ @ 10600 nm

**Lasers**

- CO₂ (Carbon dioxide), Excimer, Nd:YAG (4H), UV

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</tr>
<tr>
<td>000.P5G02.5250</td>
<td>.25&quot;</td>
<td>24&quot;x36&quot;</td>
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</table>

**Part No.**

000.P5G02.5255
000.P5G02.5251
000.P5G02.5252
000.P5G02.5253
000.P5G02.5254
000.P5G02.5250

**Thickness +/- .02"**

0.25" 0.25" 0.25" 0.25" 0.25" 0.25"

**Size**

4"x8" 12"x12" 12"x24" 12"x36" 24"x24" 24"x36"

---

**Windows**

**P5D05**

- **Color:** Clear
- **Material:** Acrylic
- **VLT:** 90%

**Optical Density (OD)**
OD 6+ @ 10600 nm

**Lasers**

- CO₂ (Carbon dioxide)

<table>
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**Part No.**

000.P5D05.5255
000.P5D05.5251
000.P5D05.5252
000.P5D05.5253
000.P5D05.5254
000.P5D05.5250

**Thickness +/- .02"**

0.25" 0.25" 0.25" 0.25" 0.25" 0.25"

**Size**

4"x8" 12"x12" 12"x24" 12"x36" 24"x24" 24"x36"
**Windows**

**P5K02**
- **Color:** Pink
- **Material:** Acrylic
- **VLT:** 8%
- **Optical Density (OD)**
  - OD 4+ @ 760 - 820 nm

**P5K10**
- **Color:** Green
- **Material:** Acrylic
- **VLT:** 10%
- **Optical Density (OD)**
  - OD 3+ @ 780 - 808 nm
  - OD 4+ @ 808 - 850 nm
  - OD 5+ @ 850 - 870 nm
  - OD 6+ @ 900 - 1070 nm
  - OD 6+ @ 1070 - 1100 nm
  - OD 5+ @ 1100 - 1400 nm
  - OD 4+ @ 1400 - 1750 nm

**Lasers**
- **Diode**
  - CO₂ (Carbon dioxide), Diode, Disc, Fiber, IR, Nd:YAG,

**Sizes**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Thickness +/- .02&quot;</th>
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</tr>
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<tbody>
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Custom sizes are available.

<table>
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Custom sizes are available.
**P5N01**

**Color:** Orange  
**Material:** Acrylic  
**VLT:** 35%

**Optical Density (OD)**  
OD 5+ @ 190 - 375 nm  
OD 4+ @ 375 - 532 nm  
OD 6+ @ 532 nm  
OD 5+ @ 10600 nm

**Lasers**  
Argon, CO₂ (Carbon dioxide), Excimer, Nd:YAG (KTP, 2H), Nd:YAG (3H), Nd:YAG (4H), UV, Green (532 nm)

**Sizes**

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Custom sizes are available.

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**P5P01**

**Color:** Light Green  
**Material:** Acrylic  
**VLT:** 65%

**Optical Density (OD)**  
OD 6+ @ 180 - 315 nm  
OD 5+ @ 315 - 420 nm  
OD 3+ @ 790 - <820 nm  
OD 4+ @ 820 - <850 nm  
OD 5+ @ 850 - <940 nm  
OD 6+ @ 940 - 1065 nm  
OD 4+ @ 1065 - 1080 nm  
OD 3+ @ 2750 - 3000 nm

**Lasers**  
Diode, Disc, Er:YAG (Erbium YAG), Fiber, IR, Nd:YAG

**Sizes**

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Custom sizes are available.

Available in CE.
Windows

P5P04

Color: Light Blue
Material: Acrylic
VLT: 46%

Optical Density (OD)
OD 5+ @ 190 - 375 nm
OD 6+ @ 694 nm
OD 5+ @ 670 - 710 nm
OD 5+ @ 10600 nm

Lasers
Alexandrite, Excimer, Nd:YAG (4th), Ruby, Red, UV

Sizes
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Custom sizes are available.

P5P05

Color: Green
Material: Acrylic
VLT: 40%

Optical Density (OD)
OD 5+ @ 190 - 375 nm
OD 6+ @ 900 - 950 nm
OD 7+ @ 950 - 1085 nm
OD 5+ @ 10600 nm

Lasers
CO₂ (Carbon dioxide), Diode, Disc, Fiber, IR, Nd:YAG

Sizes
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Custom sizes are available.
P5P06

**Color:** Brown  
**Material:** Acrylic  
**VLT:** 6%

**Optical Density (OD)**  
OD 5+ @ 190 - 375 nm  
OD 4+ @ 375 - 532 nm  
OD 4+ @ 900 - 1070 nm  
OD 5+ @ 1064 nm  
OD 5+ @ 10600 nm

**Lasers**  
Argon,  
CO₂ (Carbon dioxide),  
Diode,  
Excimer,  
Nd:Yag,  
Nd:YAG (KTP, 2H),  
Nd:YAG (3H),  
Nd:YAG (4H)

**Sizes**

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Custom sizes are available.

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P5P07

**Color:** Green  
**Material:** Acrylic  
**VLT:** 21%

**Optical Density (OD)**  
OD 6+ @ 200 - 410 nm  
OD 2+ @ 640 - 1106 nm  
OD 4+ @ 680 - 1080 nm  
OD 6+ @ 692 - 1064 nm  
OD 5+ @ 10600 nm

**Lasers**  
CO₂ (Carbon dioxide),  
Diode,  
Excimer,  
He Ne,  
Nd:Yag,  
Nd:YAG (4H)

**Sizes**

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Custom sizes are available.
Windows

**P5P10**

**Color:** Blue  
**Material:** Polycarbonate  
**VLT:** 16%

**Optical Density (OD)**  
OD 10+ @ 180 – 315 nm  
OD 8+ @ 315 – 385 nm  
OD 4+ @ 385 – 400 nm  
OD 2+ @ 730 – 770 nm  
OD 3+ @ 770 – 800 nm  
OD 2+ @ 800 – 840 nm  
OD 6+ @ 840 – 880 nm  
OD 6+ @ 880 – 960 nm  
OD 7+ @ 960 – 1030 nm  
OD 8+ @ 1030 – 2200 nm  
OD 4+ @ 2200 – 3800 nm  
OD 3+ @ 3600 – 4800 nm  
OD 4+ @ 4800 – 11500 nm  
OD 6+ @ 10600 nm

Lasers  
C02 (Carbon dioxide), Diode, Disc, Fiber, IR, Nd:YAG, UV

**Sizes**

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000.P5P10.5212

Sizes are available. Maximum size 59” x 78”  
Available in CE.

**P5P12**

**Color:** Light Blue  
**Material:** Polycarbonate  
**VLT:** 20%

**Optical Density (OD)**  
OD 10+ @ 180 – 315 nm  
OD 8+ @ >315 – 385 nm  
OD 3+ @ >385 – 400 nm  
OD 2+ @ 740 – 800 nm  
OD 9+ @ 800 – 880 nm  
OD 4+ @ >830 – 890 nm  
OD 5+ @ 890 – 940 nm  
OD 6+ @ <940 – 1400 nm  
OD 3+ @ >940 – 1500 nm  
OD 4+ @ >1500 nm

Lasers  
C02 (Carbon dioxide), Diode, Disc, Fiber, IR, Nd:YAG, UV

**Sizes**

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000.P5P12.5254  
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000.P5P12.5212

Sizes are available. Maximum size 59” x 78”  
Available in CE.
**T5K02**

**Color:** Clear  
**Material:** Glass  
**VLT:** 71%

**Optical Density (OD)**  
- OD 3+ @ 850 - 900 nm  
- OD 4+ @ 900 - 950 nm  
- OD 5+ @ 950 - 1000 nm  
- OD 7+ @ 1000 - 1600 nm  
- OD 5+ @ 1600 - 2400 nm  
- OD 5+ @ 2900 - 10600 nm

**Lasers**  
- CO₂ (Carbon dioxide),  
- Diode,  
- Disc,  
- Dye,  
- Er:YAG (Erbium YAG),  
- Ho:YAG (Holmium YAG),  
- IR,  
- Nd:YAG

**Sizes**

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Also available in 100x200mm and 210x297mm
LASER SAFETY

DOMES

Laservision has developed Laser Safety Domes for use in demonstrating laser applications in public areas or at trade shows. These glueless manufactured domes are made of acrylic laser safety filter material and offer excellent visibility without any protruding edges or connectors. The dome has two access points for easy handling of laser beam delivery systems. Laser Safety Domes are ideal to showcase your laser innovations and capabilities, while keeping the safety of your demonstrator and clients in mind.

Custom domes are available. Contact us with your requirements.

Dome Specifications

Outside Diameter 20”

Inside Diameter 18”

Height 9”

Hole Diameter 5” x 5”

Domes

P5D05

Color: Clear
Material: Acrylic
VLT: 90%

Optical Density (OD)
OD 5+ @ 10600 nm
OD 3+ @ 2750 - 2848 nm
OD 2+ @ 2840 - 2920 nm
OD 1+ @ 2920 - 3000 nm

Lasers
CO2
Er:YAG
HF Chemical
Xe-He

Dome 000.P5D05.5DME

P5K02

Color: Pink
Material: Acrylic
VLT: 8%

Optical Density (OD)
OD 4+ @ 760 - 820 nm

Lasers
Alexandrite
Diode
Dye Lasers

Dome 000.P5K02.5DME

P5P01

Color: Light Green
Material: Acrylic
VLT: 65%

Optical Density (OD)
OD 3+ @ 900 - 950 nm
OD 4+ @ 950 - 975 nm
OD 5+ @ 975 - 1020 nm
OD 4+ @ 1020 - 1030 nm
OD 3+ @ 1030 - 1060 nm

Lasers
InGaAs
Nd:Glass
Yb:YAG

Dome 000.P5P01.5DME
Laservision face shields are lightweight for maximum comfort. They are made of tough, durable, heat and cold-resistant optical quality acrylic. The large contoured shield provides maximum eye and face protection. Adjustable head piece provides versatility and comfort for all laser applications. Face Shields accommodate fit-over prescription eyewear.

Available in different filter options and lens height.

**Face Shield Specifications**

- **Color:** Black

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**Face Shield Filters**

- P5D05 Page 19
- P5G02 Page 19
- P5K02 Page 20
- P5N01 Page 20
- P5P01 Page 21
- P5P04 Page 21
- P5P05 Page 22
- P5P06 Page 22
- P5P07 Page 23
LASER SAFETY

SIGNS & LABELS

Keep personnel safe and aware with appropriate signs and labels in laser environments. Laservision provides a complete line of warning, caution, danger and notice signs that are available in both standard and custom formats to fit any application you may require.

We will customize your sign for any laser application, including options for Spanish and other additional languages.

Sign Classifications

- **Caution:** Class 2, Class 2M and Class 3R lasers
- **Warning:** Class 3B and Class 4 lasers
- **Danger:** Class 4 lasers
- **Notice:** All Laser Types

For temporary use when laser systems are under repair and the accessible laser radiation exceeds acceptable MPE

Laser Class

**Class 1:** Incapable of producing damaging radiation levels and exempt from any control measures.

**Class 1M:** Incapable of producing damaging radiation levels unless the beam is viewed with optically aids (telescope/loupe) and exempt from any control measures other than optical viewing.

**Class 2:** Emits in the visible portion of the spectrum (400 nm to 700 nm) where eye protection is normally afforded by the aversion.

**Class 2M:** Emits in the visible portion of the spectrum (400 nm to 700 nm) where eye protection is normally afforded by the aversion for unaided viewing.

**Class 3R:** Reduced control requirements and is hazardous under some direct and specular reflection conditions if the eye is appropriately focused and stable, but the probability of an injury is small. This laser will not pose a fire or diffused reflection hazard.

**Class 3B:** Hazardous under direct and specular reflection viewing conditions, but normally not a fire or diffuse reflection hazard, nor a laser generated air containment production hazard.

**Class 4:** High powered and hazardous to the eye or skin from the direct beam (may cause devastating and permanent eye or skin damage). May have sufficient energy to ignite materials to pose a fire or diffuse reflection hazard. May also produce plasma radiation and generate hazardous fumes.

Laser Warning Symbol

This symbol indicates that a potential hazard to personal safety exists from a laser source and to proceed with all necessary precautions.
## Signs and Labels

### Signs & Labels

<table>
<thead>
<tr>
<th>Item Options</th>
<th>Class 3R</th>
<th>Class 3B</th>
<th>Class 4</th>
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<td>SIN.80007.000</td>
<td>SIN.80007.002</td>
<td>SIN.80007.001</td>
<td>SIN.80007.004</td>
</tr>
</tbody>
</table>

Laser safety signs meet the ANSI Z136 standards. Signs meeting ANSI 136 are available upon request.

## Laser Warning Symbol Labels

<table>
<thead>
<tr>
<th>Item Options</th>
<th>Warning Symbol</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Labels (4&quot;x4&quot;)</td>
<td>SIN.80008.000</td>
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<tr>
<td>3 Labels (3&quot;x3&quot;)</td>
<td>SIN.80009.001</td>
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<tr>
<td>3 Labels (2&quot;x2&quot;)</td>
<td>SIN.80010.002</td>
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</tbody>
</table>
LASER SAFETY

GLOVES

- Certified for diode and Nd:YAG (800…1100 nm)
- Tested at 4.7 W/cm² against laser radiation of 1064 nm wavelength before exceeding the MPE Skin-Value
- Durable and comfortable
- Coated finger tips and palm protects delicate laser optics and optical elements from sweat and other liquids

ALG.FC31.1007 Extra small size
ALG.FC31.1008 Small size
ALG.FC31.1009 Medium size
ALG.FC31.1010 Large size
LASER SAFETY

Eyewear
Barriers
Windows
Training

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ISO Certified

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WE PROTECT YOUR EYES

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