



Portable Barriers

The movable laser barriers offered by LASER COMPONENTS are a good alternative to permanently installed laser curtain systems and are available in the FLEXGUARD® and EVERGUARD® materials.

With light-blocking hinges made from the same material, several panels can be easily connected to each other – limitlessly! This allows large surface areas to be covered. The hinges are movable; therefore, the walls can be set up flexibly. It is not a rigid wall.

Locking swivel casters make it possible to very easily move the barrier; however, unintentional moving can be avoided thanks to the locking mechanism. The yellow cross braces glow in the dark and, thus, offer extra protection.



Two Different Thicknesses Are Available For Selection:

FLEXGUARD® Barriers Made from Flexible Curtain Fabric (PT-250WB)

- Metal frames covered with tested and proven curtain fabric
- Ideal protection from diffusely scattered radiation
- For all standard wavelengths
- Certified according to EN 12254
- Cleanroom friendly
- Available in two standard sizes:
1.20 m x 1.98 m and 180 m x 1.98 m (w x h)
- Custom sizes available upon request
- Power density
2.5 MW/m² PT-250WB
(Test parameters: 1064 nm, 1.05 mm Ø)



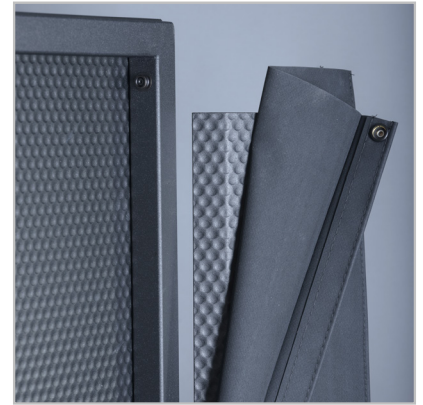
Protective Classes According to EN12254

Barriers with Curtain Fabric PT-250 WB

λ [nm]	Protective class
190 – 315	D AB9 CE / R AB3 CE
> 315 – 1050	D AB6 CE
> 1050 – 1400	D AB5 CE
> 315 – 1400	IR AB7 CE / M AB7 CE
> 1400 – 11100	DR AB3 CE

EVERGUARD® Metal Barriers (PT-EVG)

- Durable metal barriers
- Combine high protection and low weight
- Patterned surface absorbs and disperses laser radiation
- For all standard wavelengths
- Certified according to EN 12254
- Cleanroom friendly
- Available in two standard sizes:
1.20 m x 1.98 m and 1.80 m x 1.98 m (w x h)
- Custom sizes available upon request
- Power density 12 MW/m²
(Test parameters: 10.6 μ m, 11.7 mm \varnothing)



Protective Classes According to EN12254

PT-EVG Metal Barriers

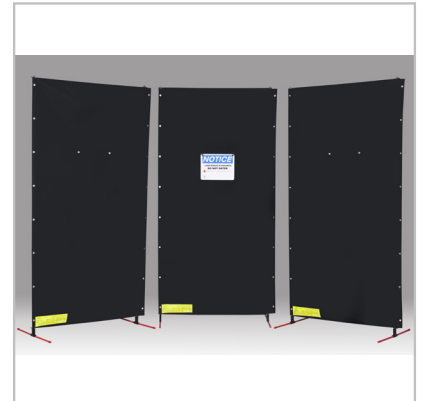
λ [nm]	Protective class
190 – 315	D AB10 CE / R AB4 CE
> 315 – 1400	D AB7 CE / IR AB8 CE / M AB7 CE
>1400 – 11100	D AB5 CE / R AB3 CE

Portable Laser Protection

Service Right

ServiceRight can be comfortably stowed in a travel bag (included in delivery) and can be quickly set up for mobile application on site.

- Three panels (0.90 m x 1.98 m each)
- Fast protection for service technicians
- Proven curtain fabric 250WB (protective levels identical to the PT-250WB)
- EN 12254
- Total weight of 13 kg
- With travel bag



Laser Barrier 5M

An ideal compromise between the PT series protective barriers and the ultralight ServiceRight barriers: The 5M series barriers can be assembled quickly and offer the same protection as the mobile PT-250WB barriers.

- Available in two standard sizes: 1.20 m x 2.13 m and 1.80 m x 2.13 m.

