

Laser safety curtain isoPROTECT HIGHTECH in mobile frame 2100x2100 mm, Color: black

Product information:

Item no.: 220-HIGH-G-2100-01
Frame color: gray powder coated, RAL 7035

Laser safety curtain isoPROTECT-Hightech in mobile frame suitable for all wavelengths from 180-11000 nm



Qualified protection levels according to EN 12254

Wavelengths	Protection levels
• 180-315	D AB9 + IR AB4 + M AB5Y
• >315-532	D AB7 + IR AB6 + M AB8Y
• >532-1050	DIR AB7 + M AB8Y
• >1050-1400	D AB6 + IR AB7 + M AB8Y
• >1400-11000	D AB3 + IR AB4 + M AB3Y PF CE

Specified protection according to EN 60825-4 (power densities):

800-1400 |T2| 100 sec| 130 kW/m²

Properties:

- Curtain color: black
- Curtain covering area : 2100 x 1800 mm (width x height)
- Tolerance: +/- 25 mm
- Material: isoPROTECT-HighTech
- material thickness: approx. 1,8 mm
- completely assembled with eyelets
- Velcro and loop tape for laser-safe connection of the protective systems - optional at extra charge
- tested according to **DIN EN ISO 25980:2014**
- classified in fire protection class B1 (flame retardant) according to **DIN 4102-4:2016-5**

Power densities according to **EN 12254**:

180-315	100 sec	1MW/m ² (100 W/cm ²)
>315-1050	100 sec	10MW/m ² (1 kW/cm ²)
>1050-1400	100 sec	25MW/m ² (2.5 kW/cm ²)
>1400-11000	100 sec	1MW/m ² (100 W/cm ²)

Mobile frame:

- Width center section: approx. 2150 mm,
- **Possibility to add 2 swivel arms left and right, length each 700 mm or 1100 mm**
- Height: approx. 2100 mm
- Swiveling: 360 °, freely movable, standard 4 swivel castors, 2 swivel castors with brake and 2 without
- Castor diameter: 75 mm
- Material: steel tubes and profiles
- round tube diameter: 35 x 2,5 mm
- square profile: 50 x 30 x 2 mm

Color: gray powder coated, RAL 7035

incl. metal hooks

Delivery as kit