

Hitzeschutz // Arbeitsschutz // Isoliertechnik // Laserschutz  
 Heat Protection // Work Protection // Insulation Technique // Laser Protection  
 MADE IN GERMANY.

## Passive laser protection curtain ML-6

- The all-round option -



Passive laser protection curtain incl. rail system



Eyelet option

| Operating mode | Wavelength range | Protection level |
|----------------|------------------|------------------|
| D              | 200 – 315 nm     | AB 8             |
| I              | 200 – 315 nm     | AB 3             |
| R              | 200 – 315 nm     | AB 3             |
| M              | 200 – 315 nm     | AB 6Y            |
| D              | 316 – 1050 nm    | AB 6             |
| I              | 316 – 1400 nm    | AB 8             |
| R              | 316 – 1400 nm    | AB 6Y            |
| M              | 316 – 1400 nm    | AB 7Y            |
| D              | 1051 – 1400 nm   | AB 5             |
| D              | 1401 – 11000 nm  | AB 2             |
| I              | 1401 – 11000 nm  | AB 3             |

|                             |   |
|-----------------------------|---|
| <b>Applications</b>         | <ul style="list-style-type: none"> <li>- Demarcation of laser areas</li> <li>- Protection against scattered radiation</li> <li>- Especially suitable for the following laser classes                             <ul style="list-style-type: none"> <li>▪ 1C: e.g. hair removal, tattoo removal ...</li> <li>▪ 1M: e.g. accessible beam focused with magnifier</li> <li>▪ 2 / 2M: e.g. projection laser</li> <li>▪ 3R / 3B: e.g. laser therapy, pump laser</li> <li>▪ 4: e.g. processing laser for welding, cutting or soldering</li> </ul> </li> </ul> |
| <b>Dimensions</b>           | <ul style="list-style-type: none"> <li>- Height and width of curtain <i>always</i> according to your requirements</li> <li>- Max. size approx. 15 m<sup>2</sup> per section</li> </ul>  |
| <b>Attachment options</b>   | <ul style="list-style-type: none"> <li>- Piping</li> <li>- Loops</li> <li>- Eyelets / rings</li> <li>- Velcro/velour</li> <li>- Magnets possible</li> </ul>   |
| <b>Features</b>             | <ul style="list-style-type: none"> <li>- High mechanical flexibility</li> <li>- Easy to clean thanks to sealed surface of the curtain side facing the laser</li> <li>- Excellent brightness with pearly, diffusely reflecting surface</li> <li>- Completely silicone-free</li> </ul>  |
| <b>Color</b>                | <ul style="list-style-type: none"> <li>- Front side pearly (white)</li> <li>- Rear side black</li> </ul>  |
| <b>Thickness</b>            | - approx. 1 cm  |
| <b>Weight</b>               | - approx. 1.2 kg/m <sup>2</sup>   |
| <b>Standard</b>             | - DIN EN 12254:2012-04 tested by DIN Certco   |
| <b>Designation</b>          | - LSV...ML-6  |
| <b>Scope of delivery</b>    | - Laser protection curtain, rolled  |
| <b>Matching accessories</b> | <ul style="list-style-type: none"> <li>- Customized rail system for ceiling or wall installation</li> <li>- Aluminum profiles</li> <li>- Swivel arm frame</li> <li>- Laser protection cabin</li> </ul>  |

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