SCHOTT NEXTREMA® 712-8 – opaque grey
Zero visible light and good heating performance

NEXTREMA® 712-8 blocks all visible light and still transmits in the infrared spectrum. Compared to common zero-light radiant heaters that use a metal surface, this material enables faster heat-up times.

Material benefits
- Opaque material that blocks all visible light
- Good transmission in the IR-B and IR-C range
- Easy cleaning due to robust, smooth surface

Overlay of NEXTREMA® transmission with heating element emission spectra

<table>
<thead>
<tr>
<th>Transmission [%]</th>
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<tbody>
<tr>
<td>UV</td>
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*Transmission graphs are based on data from individual measurements. Deviations may result from manufacturing process.

Material data sheets are available for download at:
www.schott.com/nextrema
SCHOTT NEXTREMA® 712-8 – opaque grey
Appearance in combination with different heating elements

Short wave emitter

![Short wave emitter](Image)

Carbon emitter

![Carbon emitter](Image)

Medium wave emitter

![Medium wave emitter](Image)