

### Clear Mirror Heating Element / Demisting Pads for Mirrors

The heating elements are made of polyester heating film. Between two layers of polyester is an ink print made with graphite powder. Two wafer-thin copper conductor strips are also laminated inside. When a current is run through the copper strips, the ink print with graphite creates resistance, and this resistance in turn creates warmth.

The composition of the ink print results in a capacity of 200W per square metre.

**The elements of heating elements of BO 60GNX30 - 34 bear the TÜV quality mark and have been tested in accordance with the following EN standards:**

- EN 60335-1:2002
- EN 62233:2008
- Production and production space satisfy the regulation of Cenelec Operational Document CIG 021.



**The technical specifications are as follows:**

- Voltage: 230 V
- Current: AC
- Frequency: 50 Hz
- Class: II
- Level of protection: IP X4

The heating elements are protected from moisture as they are laminated four times with 125 micron polyester film. The connection of the element is fully protected against moisture by filling the connection cap with silicon sealant. The back of the element is covered with doublesided tape.

The elements are tested by a function tester and the connection of the element is subjected to a high-voltage test (Machine tester Chauvin Arnoux C.A. 1650).

**The USPs of the Heatingelements from Bohle are as follows:**

- The heating element has a five-year guarantee.
- The heating element bears the TUV quality mark.
- The heating element prevents water vapour from condensing on the front side of the mirror.
- The heating element provides increased comfort for a low price.
- The heating element is a very safe system.
- The heating element is especially designed for use in damp areas and is therefore not sensitive to moisture, splashing water etc.
- The heating element reduces the frequency with which a mirror must be cleaned, as it no longer fogs up due to condensation.