

novaSEAL OV

The safety seal for boilers and tanks



Material profile

The new sealing material **novaSEAL OV** is made of a temperature, corrosive and chemical resistant high-performance fabric.

In a specially developed manufacturing process **novaSEAL OV** is produced of coated fabric as endless rings with high form and dimensional stability.

Material characteristics:

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| • Application limits | 25 bar
225°C |
| • Surface pressure | min. 5 N/mm ²
max. 35 N/mm ² |
| • Recommended heating up gradient | max. 2 °C/min |
| • Boiler water/Media resistance | TRD 611 |
| • Type-test approval no. | TÜV.D.99-001.C |

With the variety of installation and service conditions as well as application and process engineering this brochure can only be taken as a guide. Guarantee claims cannot be inferred from these data.

Applications

novaSEAL OV hand, head and manhole seals for boilers and tanks

- have a sealing surface to meet **special safety requirements**.
- adapt very well to closures – **independent of existing closing systems**.
Compression and thermosetting reinforcement guarantee the maintenance of the sealing function at changing loads via the revision cycle.
- guarantee limited **cold water tightness (appr. 15 ml/min.)**, **tightness in boiler service, easy assembly** and **dissassembly**.
- are re-tightened when starting up the boiler after assembly and reach their operating condition after assembly is finished.

Supply data

novaSEAL OV seals are individually packed with detailed installation instructions attached.

novaSEAL OV are supplied as hand, head and manhole oval-shaped seals for boilers and tanks. These seals are manufactured in standard dimensions as below:

80 x 120 x 15 x 8 mm	220 x 320 x 25 x 10 mm
100 x 150 x 15 x 8 mm	300 x 400 x 25 x 10 mm
120 x 160 x 15 x 8 mm	320 x 420 x 25 x 10 mm
150 x 200 x 15 x 8 mm	350 x 450 x 25 x 10 mm
(further dimensions upon request)	

Quality Management

- DIN EN ISO 9001
- QS 9000
- VDA 6.1

Environmental Management

- DIN EN ISO 14001

