

# novaSEAL® HP - the new ring for boilers and tanks



## Application areas

**novaSEAL® HP** – the classic ring for hand-, head- and manhole closures in boilers and tanks

- Can be used without any restrictions (test category D)
- Has a specially designed surface for maximum safety
- Adapts very well to the closures, irrespective of the closure system involved
- Guarantees leakproof boiler operation, limited cold water tightness, easy installation and removal
- To be tightened again after installation when the boiler is restarted and reaches its proper operating condition once installation has been completed

## Material profile

The new **novaSEAL® HP** ring is produced from a temperature-, corrosion- and chemical resistant high-performance fabric with an elastomer coating that has been specially developed to satisfy test category D requirements. Endless, dimensionally stable rings with unique properties are manufactured from the coated fabric in our proven production process.

## Material characteristics

- Application limits 40 bar  
250°C
- Surface pressure min. 5 N/mm<sup>2</sup>  
max. 35 N/mm<sup>2</sup>
- Recommended heating gradient max. 2 °C/min
- Boiler water/media resistance TRD 611
- Approval number TÜV.D.05-013.D

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.

## Product data

**novaSEAL® HP** is manufactured as an oval hand-, head- and manhole ring for boilers and tanks. This ring is produced in the following standard dimensions (internal oval x edge width x thickness)

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
115 x 165 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 are available on request)

**novaSEAL® HP** seals are individually packed with detailed installation instructions attached.

## Quality management

ISO/TS 16949

## Environmental management

ISO 14001

Do you have any questions about your application?  
The technical textiles information service will help you:  
[textile@frenzelit.de](mailto:textile@frenzelit.de)

All previous versions of this prospectus cease to apply. Subject to technical amendment.

FZ/2/09.07/001/FZ

GASKETS

TECHNICAL TEXTILES

EXPANSION JOINTS

INSULATION

NEW MATERIALS

Frenzelit-Werke GmbH & Co. KG  
P.O.Box 11 40 · 95456 Bad Berneck · Germany  
Phone: +49 9273 72-0 · Fax: +49 9273 72-344  
[info@frenzelit.de](mailto:info@frenzelit.de) · [www.frenzelit.com](http://www.frenzelit.com)

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