

RAITECH® RAIFLEX® BLR

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Data Sheet.

Specially designed Spiralwound Gaskets for boiler's man-holes and hand-holes.

RAIFLEX® BLR gaskets are manufactured from a spirally wound, V-shaped strip of 304 stainless steel with a HEXA:GRAF® expanded graphite filler capable of withstanding high pressures and temperatures. The gasket's configuration allows it to provide a durable seal without requiring excessively high installation torques.

The careful selection of materials gives RAIFLEX® BLR a broad chemical resistance for use in demanding environments such as corrosive, high-pressure, and high-temperature environments without significant degradation.

RAIFLEX® BLR is a specialized line of spiral-wound gaskets specifically designed for manholes, hand ports, and boiler covers.

- **High level of safety**
RAIFLEX® BLR can withstand pressures up to 6,300 psi (434 bar) and temperatures up to 450°C.
- **Proportional compression**
To avoid unnecessary stress on equipment covers.
- **Resilience**
RAIFLEX® BLR has sufficient resilience to absorb thermal cycles and fluctuating loads.
- **Easy Removal**
Its construction allows for the removal of gaskets without leaving much residue, which would otherwise result in lengthy cleaning processes.

graphite, only better.



graphite, only better.

Spiralwound Boiler Gaskets with HEXA:GRAF® filler.

TECHNICAL DATA:

Properties:	RAIFLEX® BLR Gasket
Sealing surfaces:	man-hole / hand-hole
Required Flange Roughness, Ra:	3.2-6.3 μ
Sealing Material:	Expanded Graphite 96%
Winding:	304 / 316L
Temperature, Max:	1202.0 °F (peak)
Temperature, Continuous :	842.0 °F
Temperature, Min:	-320.8 °F
Maximum pressure:	6666.6 Psi

Other boiler gaskets styles:

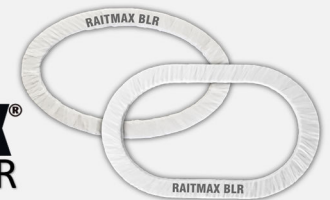
RAITECH. HEXA:GRAF® BLR

Juntas para caldera.
Fabricadas en grafito
HEXA:GRAF® con Multi-
Insertos para temperaturas
hasta 500°C



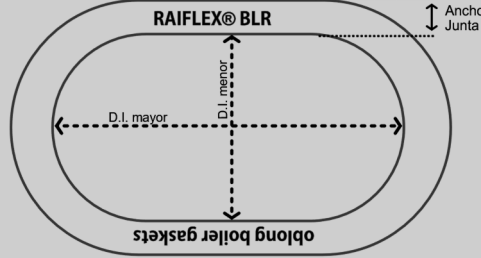
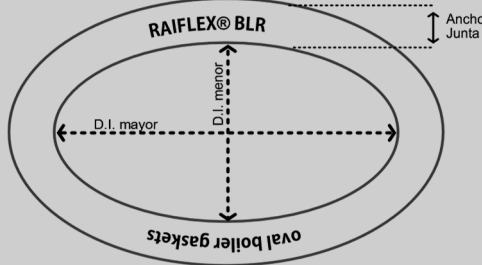
RAITECH. ■ RAITMAX® BLR

Juntas para caldera.
Fabricadas con tela RAITMAX® con
chaqueta de PTFE.



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RAITECH® RAIFLEX® BLR



How to order:

- A) Shape: Oval or Oblong
- B) Gasket Width
- C) Internal Diameters
- D) Thicknesses: 1/4" standar, 1/8", 3/16", 1/4"

Questions? gaskets@raitech.mx

RAIFLEX® BLR - Dimensional table for boiler gaskets.

Internal Diameter Oval o Oblong	Internal Diameter Oval o Oblong	Internal Diameter Oval o Oblong	Internal Diameter Oval o Oblong
2.00 x 2.50 x (A)	3.50 x 4.50 x (A)	7.00 x 9.00 x (A)	11.50 x 14.50 x (A)
2.00 x 3.00 x (A)	3.50 x 5.00 x (A)	7.00 x 10.00 x (A)	11.50 x 15.50 x (A)
2.00 x 4.00 x (A)	3.50 x 5.50 x (A)	7.25 x 11.37 x (A)	11.75 x 15.25 x (A)
2.25 x 3.00 x (A)	3.75 x 4.75 x (A)	7.50 x 10.25 x (A)	11.75 x 15.50 x (A)
2.25 x 3.25 x (A)	3.75 x 5.25 x (A)	7.50 x 11.50 x (A)	11.75 x 15.75 x (A)
2.25 x 3.50 x (A)	3.75 x 5.50 x (A)	8.00 x 10.00 x (A)	12.00 x 15.00 x (A)
2.25 x 3.75 x (A)	4.00 x 4.37 x (A)	8.00 x 11.00 x (A)	12.00 x 15.50 x (A)
2.50 x 3.25 x (A)	4.00 x 5.00 x (A)	8.00 x 12.00 x (A)	12.00 x 16.00 x (A)
2.50 x 3.50 x (A)	4.00 x 5.25 x (A)	9.00 x 11.00 x (A)	12.25 x 16.12 x (A)
2.50 x 3.75 x (A)	4.00 x 5.50 x (A)	9.00 x 12.00 x (A)	12.50 x 15.50 x (A)
2.50 x 4.00 x (A)	4.00 x 5.75 x (A)	9.00 x 13.00 x (A)	12.50 x 16.25 x (A)
2.75 x 3.50 x (A)	4.00 x 6.00 x (A)	9.00 x 14.00 x (A)	12.50 x 16.50 x (A)
2.75 x 3.62 x (A)	4.25 x 5.12 x (A)	9.50 x 14.00 x (A)	14.00 x 18.00 x (A)
2.75 x 3.75 x (A)	4.50 x 5.00 x (A)	9.50 x 15.50 x (A)	14.50 x 18.00 x (A)
2.75 x 4.25 x (A)	4.50 x 5.50 x (A)	9.75 x 14.50 x (A)	16.00 x 18.00 x (A)
2.75 x 4.50 x (A)	4.50 x 6.00 x (A)	9.75 x 14.75 x (A)	18.00 x 21.00 x (A)
2.75 x 4.75 x (A)	4.50 x 6.50 x (A)	10.00 x 14.00 x (A)	18.00 x 24.00 x (A)
3.00 x 3.50 x (A)	4.50 x 10.25 x (A)	10.00 x 15.00 x (A)	
3.00 x 3.75 x (A)	4.75 x 6.62 x (A)	10.00 x 16.00 x (A)	
3.00 x 4.00 x (A)	5.00 x 6.00 x (A)	10.50 x 14.00 x (A)	
3.00 x 4.25 x (A)	5.00 x 6.75 x (A)	10.50 x 14.50 x (A)	
3.00 x 4.50 x (A)	5.00 x 7.00 x (A)	10.50 x 15.00 x (A)	
3.00 x 4.75 x (A)	5.00 x 7.50 x (A)	10.75 x 14.75 x (A)	
3.00 x 5.00 x (A)	5.75 x 7.25 x (A)	11.00 x 14.00 x (A)	
3.25 x 4.25 x (A)	6.00 x 7.50 x (A)	11.00 x 14.50 x (A)	
3.25 x 4.50 x (A)	6.00 x 8.00 x (A)	11.00 x 14.75 x (A)	
3.25 x 4.75 x (A)	6.00 x 8.50 x (A)	11.00 x 15.00 x (A)	
3.25 x 5.00 x (A)	6.00 x 9.00 x (A)	11.00 x 16.00 x (A)	
3.25 x 5.25 x (A)	6.00 x 10.00 x (A)	11.25 x 14.00 x (A)	
3.50 x 4.00 x (A)	6.25 x 8.25 x (A)	11.25 x 15.25 x (A)	
3.50 x 4.25 x (A)	6.50 x 8.50 x (A)	11.50 x 14.00 x (A)	

(A) Available widths

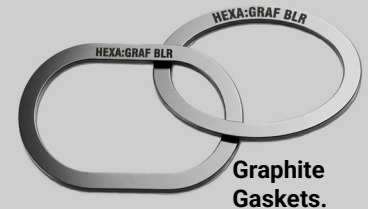
1/2", 5/8", 3/4"
1", 1-1/4", 1-1/2"

Other shapes available

- Round.
- Pear shape.

Other boiler gaskets styles:

RAITECH® HEXA:GRAF® Reinforced Graphite BLR Boiler Gaskets.



RAITECH® RAITMAX® BLR

Juntas para caldera.

Fabricadas con tela RAITMAX® con chaqueta de PTFE.



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