

High performance boiler gaskets, for man hole and hand hole applications.

HEXA:GRAF® BLR gaskets are manufactured from multi-layered expanded graphite reinforced with multiple 316L metal inserts, giving the gasket greater resistance to crushing and high working pressures. The pre-densified graphite layers help maintain a uniform seal and offer greater recovery at high temperatures than traditional spiral-wound gaskets.

The controlled density on the faces of HEXA:GRAF® BLR gaskets allows them to conform to rough and irregular surfaces, enabling longer maintenance intervals.

Manufactured from our proven HEXA:GRAF® expanded graphite, HEXA:GRAF® BLR gaskets can withstand pressures up to 200 bar and high temperatures up to 550°C in steam, while also tolerating a wide range of chemicals within the pH range of 0-14 (except strong oxidizers).

- **Does not age.** HEXA:GRAF® BLR gaskets have a long shelf life, helping to reduce costs associated with expired materials.
- **Excellent sealing.** HEXA:GRAF® BLR gaskets are highly adaptable to sealing surfaces thanks to their construction and design, regardless of imperfections.
- **Easy Installation** Due to the material's construction and strength, there is no risk of overtightening the gasket and cutting it in half.

**Common applications.**

- Boilers.
- Autoclaves.
- Heat exchangers.
- Steam accumulators.
- Water heaters.

*graphite, only better.*



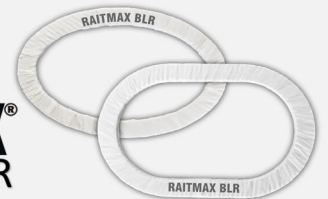
**TECHNICAL DATA:**

Properties:	HEXA:GRAF® BLR Gasket
Sealing surfaces:	man-hole / hand-hole
Required Flange Roughness, Ra:	1/16" = 3.2-6.3 μ 1/8" = 3.2-12.5 μ
Composition:	98.5% Expanded Graphite + Multi-Layer Construction
Temperature, Max:	1202.0 °F (peak)
Temperature, Continuous:	932.0 °F
Temperature, Min:	-320.8 °F
Maximum pressure:	3100.8 Psi

Other boiler gaskets styles:

**RAITECH RAITMAX® BLR**

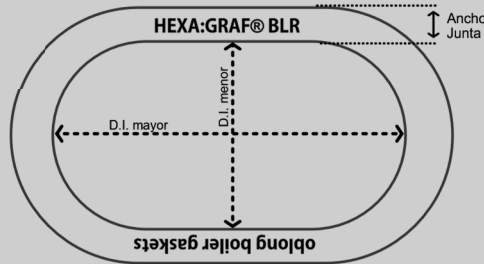
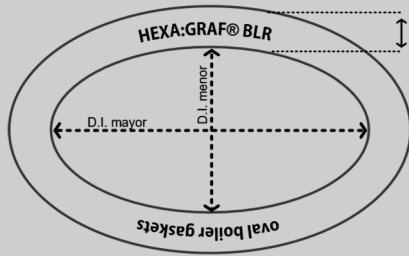
Juntas para caldera.  
Fabricadas con tela RAITMAX® con chaqueta de PTFE.



**RAITECH RAIFLEX® BLR**

Juntas para caldera.  
Fabricadas en espiral con acero 304L o 316L con relleno de grafito HEXA:GRAF® para altas presiones y temperaturas.





**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", 3/8", 1/2"

Questions? [gaskets@raitech.mx](mailto:gaskets@raitech.mx)

**HEXA:GRAF® 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.
- Square.
- Rectangular.
- Pear shape.

**Other boiler gaskets styles:**

