

**Our development for sealing applications in ovens and boilers.**

**Aplicaciones Comunes:**  
 Juntas para puertas de hornos, autoclaves, juntas de expansión, y tapas de registro en calderas.

**Medios Comunes:**  
 Vapor, aire, gases secos y soluciones acuosas.



**RAITMAX® WF-TGX** fabric is composed of textured "E" type fiberglass coated on both sides with a blend of high-temperature resistant elastomers. It is a high-performance gasket material. It is manufactured from fiberglass yarns that have been textured to trap a greater amount of air, significantly improving its thermal insulation properties compared to standard continuous yarns, Also reinforced with a 316L wire.

Subsequently, **RAITMAX® WF-TGX** fabric is treated with a special high-temperature resistant elastomer coating. This coating seals all the material's porosity, thus preventing unwanted leaks in equipment.

**RAITMAX® WF-TGX** is a 100% asbestos-free material.

**Main Features:**

- **High thermal resistance:** Withstands significantly higher temperatures than untreated fiberglass.
- **Excellent Sealability:** Its composition allows for reduced emissions and easy adaptation to irregular joints. Excellent insulation: The textured yarn reduces thermal conductivity.
- **Abrasion protection:** The vermiculite film creates a protective shield that extends the material's lifespan against constant friction.
- **Easy handling:** It is flexible and can be easily cut and sewn to manufacture custom pieces.

**TECHNICAL DATA:**

Properties:	RAITMAX® WF-TGX	Cloth
Composition:	RAIGLASS® E Glass Fiber + Elastomers + 316L Wire Reinforcement.	
Temperature, Max:	572	°F (peak)
Temperature, Continuous:	482	°F
Heat Shrinkage:	< 3	%
Tensile strength, μ:	9-11	
Availability:	RAITMAX® WF-TGX	Cloth
Shape:	Flat	
Diameter / Length:	1/16" / 150 ft 1/8" / 75 ft 3/16" / 50 ft 1/8" / 38 ft	
Tolerances:	±10	%

**\*\*Thickness tolerance: ±10%\*\* \*\*Length tolerance: ±5%\*\***

**Common Applications:**

- **Oven door seals.**
- **Autoclaves.**
- **Expansion joints.**
- **Boiler access covers.**

**RAITECH. ■**  
**RAITMAX®**  
 BLR

**Available also as Boiler Gaskets**  
 RAITMAX® BLR gaskets are manufactured using our rubberized fiberglass fabric with high-temperature resistant elastomers and wrapped around with a PTFE jacket for easy removal.



\*\* Above 200°C, the product may smoke, due to the degradation of organic components, without altering its functioning.

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