

**RAITECH. ■**  
**RAIGLASS®**  
**WF-501e**

**The standard for protecting equipment, cables, and hoses against high temperatures.**



Our RAIGLASS® WF-501e fiberglass fabric is not your average insulator. It's made with textured E-type fiberglass yarns using an advanced process that increases the fabric's volume to trap more air, creating a superior thermal barrier and unmatched dielectric insulation capacity.

**Key Features:**

- **Extreme Heat Resistance:** Withstands sustained temperatures up to 540°C (1000°F) without degradation, ideal for critical industrial environments.
- **Superior Insulation:** Thanks to its textured finish, it offers greater thermal efficiency than smooth fabrics, drastically reducing energy loss.
- **Chemical Durability:** Resistant to most acids, alkalis, and solvents; it won't rot or be affected by mold.
- **Dimensional Stability:** It won't stretch or shrink, ensuring a permanent, airtight seal on gaskets and motors.

**Common Applications:**

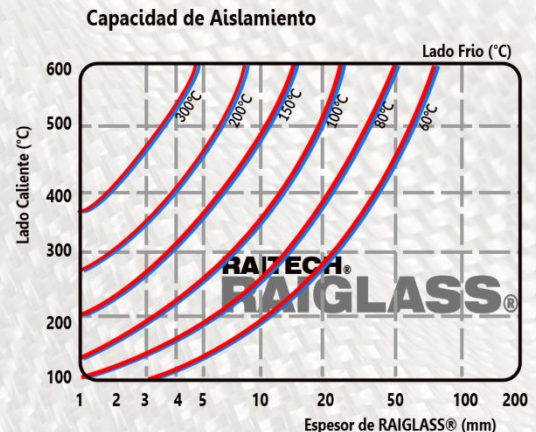
- **Personal Protection:** Hot pipe insulation to prevent burns.
- **High-Temperature Sealing:** Perfect for boilers, industrial furnaces, and wood-burning stoves.
- **Wiring Protection:** Safeguards critical hydraulic lines and hoses from radiant heat.
- **The Strategic Ally for Your Maintenance:** Reduce energy costs and protect your equipment with the confidence of a material designed to last under the harshest conditions.

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

**TECHNICAL DATA:**

Properties:	RAIGLASS® WF-501e Cloth
Composition:	RAIGLASS® E (Texturized type "E" Glass Fiber)
Temperature, Max:	1,004 °F (peak)
Temperature, Continuous:	932 °F
Heat Shrinkage:	3 %
Tensile strength, µ:	9-11
Availability:	<b>RAIGLASS® WF-501e</b>
Shape:	Flat Tape
Thickness / Width / Length:	1/16" / 39.4" / 98 ft 1/16" / 59" / 100 ft 1/8" / 39.4" / 98 ft 1/8" / 59" / 100 ft 1/4" / 39.4" / 49 ft
Tolerances:	±10 %

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



[www.raitech.mx](http://www.raitech.mx)