

# RAITECH. ■ RAIGLASS® TR-530e

Ideal for sealing doors and manholes.



**RAIGLASS® TR-530e** is a twisted round cord manufactured from high-quality textured "E" type fiberglass yarns. Its continuous twisting process provides excellent flexibility, mechanical strength, and high thermal insulation capacity. The textured yarns trap a greater amount of air, improving its performance as a thermal barrier. It is a 100% asbestos-free, safe, and highly efficient alternative for industrial sealing applications.

### Main Features:

- **Zero Asbestos:** Completely safe for the health of operators and environmentally friendly.
- **High Compressibility:** Adapts perfectly to irregular surfaces, ensuring an airtight seal that prevents gas and heat leakage.
- **Mechanical Resilience:** Its braided weave prevents the cord from fraying easily when cut or handled, maintaining its cylindrical shape under pressure.
- **Low Thermal Conductivity:** Retains heat efficiently, improving the energy performance of equipment.
- **Chemical Resistance:** Excellent stability against most industrial chemicals, solvents, and oils.
- **Biological and Environmental Resistance:** Immune to fungal and bacterial attack. Does not degrade upon exposure to the elements or sunlight.
- **Humidity Resistance:** Zero hygroscopic properties; does not absorb water and maintains its thermal characteristics in humid environments.

### Recommended Applications

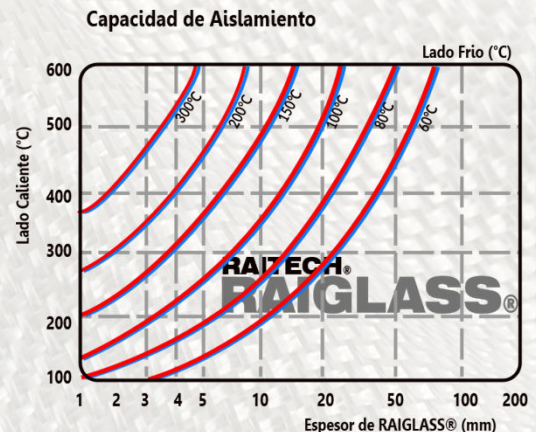
- **Door Sealing:** Industrial ovens, boilers, wood stoves, chimneys, and incinerators.
- **Thermal Insulation:** Wrapping of high-temperature exhaust pipes and thick-gauge cables.
- **Gaskets and Packings:** Filler for expansion joints, pipe flanges, and thermal inspection chambers.
- **Foundry and Metallurgy:** Seal in crucible lids and metal extrusion equipment.
- **Base Support:** Core for manufacturing "Tadpole" type packings.

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

## TECHNICAL DATA:

Properties:	<b>RAIGLASS® TR-530e</b>	Packing
Composition:	RAIGLASS® E (Texturized type "E" Glass Fiber)	
Temperature, Max:	1,004	°F (peak)
Temperature, Continuous:	932	°F
Heat Shrinkage:	3	%
Tensile strength, $\mu$ :	9-11	
Availability:	<b>RAIGLASS® TR-530e</b>	Packing
Shape:	Round - Twisted	
Diameter / Length:	1/4" / 528 ft 3/8" / 748 ft 1/2" / 459 ft 5/8" / 298 ft 3/4" / 298 ft 1" / 115 ft 1-1/2" / 50 ft	
Tolerances:		$\pm 10$ %

**\*\*Thickness tolerance:  $\pm 10\%$  \*\* Length tolerance:  $\pm 5\%$  \*\***



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