# RAITECH TERMOXIDE® WF-1100



**Data Sheet.**


## Textile protection for high temperatures up to 1,100°C

**TERMOXIDE® WF-1100** are continuous chemically treated fiber glass, which withstand temperatures of 1,050°C (1,100°C peaks). **TERMOXIDE®** textiles have excellent performance in the harshest environments.

**TERMOXIDE® WF-1100** fibers are classified as non-breathable due to their diameter. Their construction allows them to work with the material, without presenting much irritation to the skin.

It is the most common use is to manufacture welding blankets that protect expensive equipment, cables, and personnel from:

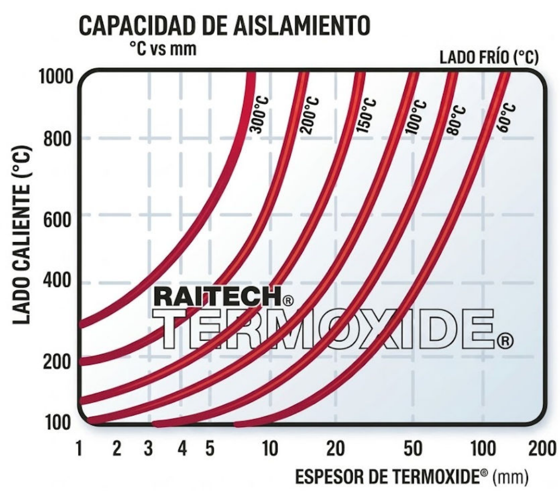
- **Incandescent sparks.**
- **Molten metal splashes (slag).**
- **Extreme radiant heat during plasma or oxyfuel cutting processes.**

It is also used as the outer or inner layer in insulation systems:

- **Removable Thermal Jackets:** Ideal for valves, flanges, and turbines that require frequent maintenance.
- **Steam pipe wrapping:** Helps reduce heat loss and protects operators from accidental burns.
- **Hydraulic Hose Protection:** Prevents external heat or hot slag from degrading the rubber in hoses in foundries or engine rooms.

## TECHNICAL DATA:

| | | |
|---|---|---|
| **Properties:** | **TERMOXIDE® WF-1100** | Cloth |
| **Composition:** | RAIGLASS® Si Fiber (Fiber with high aluminosilicate content) | |
| **Temperature, Max:** | 2,102 | °F (peak) |
| **Temperature,Continuous:** | 1,832 | °F |
| **Shrinking @ 1796°F, 3hr:** | 12-1 | % |
| **Tensile strength, μ:** | 5-1 | |
| **Availability:** | **TERMOXIDE® WF-1100** | Cloth |
| **Shape:** | Flat Tape | |
| **Thickness / Width / Length:** | .020" / 36" / 164 ft<br>1/32" / 39.4" / 164 ft<br>1/16" / 39.4" / 164 ft<br>1/8" / 39.4" / 164 ft | |
| **Tolerances:** | ±10 | **%** |
| **Notes:** | ** Above 200°C, the product may smoke, due to the degradation of organic components, without altering its functioning. | |




RAITECH® *lo hicimos fácil pensando en ti.*