



Technical data sheet

REFREX Textiles

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The "REFREX" textiles are woven or braided with a special yarn for very high temperature.

The used yarns are a more continuous filaments of Alumina-Boria-Silica, twisted together, without the aid of organic, glass or metal insert.

The REFREX textiles resist at very high temperature (1200 °C continuous and 1370 °C peak), with acceptable mechanical performances (better than Quartz or Silica textiles).

We can supply Fabrics, Tapes, Square and Round braided Ropes, Sleeves, Twisted ropes; the REFREX fabrics are used in the Aeronautical and Space industry, in the Termal-mechanical industry, in the Glass industry and wherever it is necessary to have a textil protection with very high temperature.

TECHNICAL DATA

Raw material	: Al ₂ O ₃ 62% - B ₂ O ₃ 14% - SiO ₂ 24%
Binding or reinforcements	: absent
Colour	: white
Continuous use temperature	: 1200 °C
Peak temperature	: 1370 °C
Filament diameter	: 10-12 micron