

FINAL
+ADVANCED MATERIALS

**Advanced materials
engineering**

**Manufacturing
&
Cutting**

Final Advanced Materials is specialized in the development and supply of high-quality technical textiles. With its considerable experience and renowned expertise, Final supports its customers' in their projects by providing them with by a reliable and professional technical team.

Thanks to its leading expertise in the field, Final can work all types of technical textiles: high temperature fabrics, tapes, sleeves, twisted and braided ropes, paper, felts and cloths. It can also process all types of materials: aramid, glass fibre, basalt, silicate, biosoluble and monofilament ceramic and zirconia.

With its own textile manufacturing and cutting workshop, Final is able to offer custom made solutions adapted to its customers' needs. Its production is guaranteed Made in France, a pledge of quality and know-how.

Final produces small and medium-sized series of textile manufacturing for various fields of application such as aeronautics, space, marine, industry and research. Its projects include industrial thermal casing, fire protection, thermalinsulation, and lagging solutions.

Aeronautics

R&D

Industry

Final Advanced Materials offers technical solutions to companies and research centers in the field of advanced materials. Since 1988, the company has been assisting customers in Europe in implementing solutions adapted to extreme conditions. From design to manufacturing, the company prioritizes customer satisfaction by putting all its expertise at their service.



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Certified companies
ISO 9001
ISO 14001
ISO 26000
ISO 45001



Textiles up to 2,500 °C

Aramid

Operating temperature: 350°C

Peak temperature: 425°C

Thermal resistance: ●○○○○○

Mechanical strenght: ●●●●●●

Chemical resistance*: ●●●●○○

*except for strong bases and acids. Beware of UV!



Vermiculite glass

Operating temperature: 815°C

Peak temperature: 1095°C

Thermal resistance: ●●●●○○

Mechanical strenght: ●●●●○○

Chemical resistance*: ●●●●○○

*except for phosphoric and hydrofluoric acid



Ceramic

Operating temperature: 1100°C

Peak temperature: 1700°C

Thermal resistance: ●●●●●●

Mechanical strenght: ●○○○○○

Chemical resistance: ●●●●●●



Glass

Operating temperature: 540°C

Peak temperature: 700°C

Thermal resistance: ●●●●○○

Mechanical strenght: ●●●●○○

Chemical resistance*: ●●●●○○

*except for phosphoric and hydrofluoric acid



Biosoluble

Operating temperature: 1050°C

Peak temperature: 1200°C

Thermal resistance: ●●●●○○

Mechanical strenght: ●●○○○○

Chemical resistance*: ●●●●○○

*except for phosphoric, hydrofluoric acid and concentrated base



Zirconia

Operating temperature: 2200°C

Peak temperature: 2500°C

Thermal resistance: ●●●●●●

Mechanical strenght: ●○○○○○

Chemical resistance*: ●○○○○○

*only mineral acids boiling over a short period of time



Basalt

Operating temperature: 600°C

Peak temperature: 700°C

Thermal resistance: ●●○○○○

Mechanical strenght: ●●●●○○

Chemical resistance: ●●●●●●



Silicate

Operating temperature: 1000°C

Peak temperature: 1100°C

Thermal resistance: ●●●●●●

Mechanical strenght: ●●●●○○

Chemical resistance*: ●●●●○○

*except for hydrofluoric acid



Graphite

Operating temperature: 2000°C (inert atmosphere)

Peak temperature: 2200°C (inert atmosphere)

Thermal resistance: ●●●●●●

Mechanical strenght: ●○○○○○



Our team of specialists is at your service

+33 3 67 78 78 78

 : thermal insulator

 : electrical insulator

Find all our products and services on your website

www.final-materials.com