

Due to their chemical composition Silicatherm® fabrics have an excellent continuous temperature resistance exceeding 1000°C.

Silicatherm® fabrics are available with different treatments and coatings; if required, cut tapes and ready-made sleeves can be supplied, too.

Chemical composition:

SiO ₂	≥ 94 %
Al ₂ O ₃	> 3,0%
Na ₂ O	≤ 0,8 %

Properties

continuous temperature resistance	> 1000°C ¹⁾
resistant to most chemicals except from hydrofluoric acid, phosphoric acid and strong caustics	
excellent insulating properties	
eudermic	
no healthy hazards (filament diameter ≥ 6 micron)	
very easy processing	

¹⁾ When assessing the temperature resistance, the influence of the medium and the type of strain are of decisive importance!

Subject to tolerances!

We supply Silicatherm® products in form of:

fabrics

loomstate /preshrunk execution	AR-execution	filtration fabric
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