

## TECHNICAL DATA SHEET

### BIO INSULATING FABRIC

BIO insulating fabric consists of yarns made of high quality biosoluble refractory fibres. Unlike ceramic fibres, this material is not subject to any hygienic restrictions in the countries of the European Union in accordance with the Q note of Directive 97/69 EC. The fibres used feature excellent thermal stability and retain their original structure up to the maximum application temperature. BIO type products do not contain refractory ceramic fibres (RCF) and asbestos. The product contains approximately 18% organic fibres, which can burn out during the first period of operation without any loss in key performance parameters. BIO fabrics are applied as thermal insulation for all types of machines, devices, installations where contact with high temperatures occurs and where we want to limit heat flow. They are particularly often used as thermal screens, insulation in the process of heating welded structures or as hose covers.



Maximum continuous operating temperature	650
Peak operating temperature [°C]	800
Weave	plain weave, single ply
Maximum loss after ignition %	18
Maximum shrinkage %	3
Density in g/cm <sup>3</sup>	0,5 ± 15 %
Colour	white and green
Material	BIO yarn

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