

Multitemp Arclex

Multitemp Arclex has been developed as a quality machinable glass bonded mica. It is resilient against high power electric arcs and is widely used in arc chutes for both static (e.g. power stations) and transport applications.

Multitemp Arclex is available in sheets of thickness between 3 and 30 mm. Standard sheet sizes are 381 x 508 mm. The sheet edges contain micro porosity – if this is detrimental to the application, it is recommended that sheets edges be trimmed back.

Alternatively, Multitemp Arclex, machined components are available on request to customer drawings.

Properties	Units	
Flexural strength	MPa	130
Compressive Strength	MPa	231
Compressive Yield	%	1
Shear strength	MPa	58
Tensile strength	MPa	33
Electric Strength @ 90 °C	KV/mm in air	>40
Surface Breakdown @ 90 °C	KV in air	>14
Maximum Operating Temperature	Continuous	500
	Intermittent	500
Thermal conductivity	W/m K	0,75
Thermal expansion	$\times 10^{-6}/^{\circ}\text{C}$	10
Density	g/cm^3	2,61

Availability:

Sheet: Size: 381 x 508 mm
 Thickness: 3 - 30 mm