



Alumina Silica Cloth

- Alumina Silica fibre cloth is woven from
 - F2 (72/28% Alumina / Silica) composition yarns;
 - E3 (80/20% Alumina / Silica) composition yarns;
 - D3 (85/15% Alumina Silica) composition yarns;
 - FB3 (70/28/2% Alumina / Silica / Boron) composition yarns;
- The fibres are 7-10micron in diameter.
- Alumina Silica Cloth (F2 Type) suffers almost no loss of mechanical strength at extreme temperatures up to **1250°C**.
- Alumina Silica Cloth (E3 and D3 Types) suffers almost no loss of mechanical strength at extreme temperatures up to **1300°C**.
- Alumina Silica Cloth (FB3 Type) suffers almost no loss of mechanical strength at extreme temperatures up to **1395°C**.



Applications

- Aerospace Applications (Extreme Temperature).
- Aircraft / Rocket Engine Insulation.
- Cryogenic Applications.
- Formula 1 and Motorsport Engine / Exhaust Insulation.
- Furnace / Kiln / Boiler / Oven Lining.
- Hot Glass Processing (Mark / Scratch Prevention).
- Insulation Rings / Collars / Pads for Semi Conductor Producers.
- Molten Metal Filtration.
- Spacer Medium for Heat Treatment Applications.
- Precious Metal Component Protection (Annealing Furnaces).
- Electrical and thermal insulators for diesel particulate filter (DPF) systems.
- High Temperature Sewn Fabrications.

Products

Product Code	Composite Type	Weave	Thickness (mm)	Weight (g/ m ²)	Width (mm)	Unit of Sale
ASIL-TEX-C/80/1000	F2	Plain	0.10mm	80	1000mm	1 Linear Metre
ASIL-TEX-C/135/1000	F2	Plain	0.21mm	135	1000mm	1 Linear Metre
ASIL-TEX-C/145/1000	F2	Plain (Mesh)	0.41mm	145	1000mm	1 Linear Metre
ASIL-TEX-C/265/1000	F2	Satin	0.25mm	265	1000mm	1 Linear Metre
ASIL-TEX-C/280/1000	F2	Plain	0.31mm	280	1000mm	1 Linear Metre
ASIL-TEX-C/440/1000	F2	Twill	0.55mm	440	1000mm	1 Linear Metre
ASIL-TEX-C/550/1000	F2	Plain (Mesh)	0.87mm	550	1000mm	1 Linear Metre
ASIL-TEX-C/670/1000	F2	Satin	0.97mm	670	1000mm	1 Linear Metre
ASIL-TEX-C/940/1000	F2	Double Twill	1.35mm	940	1000mm	1 Linear Metre
ASIL-TEX-C-E3/440/1000	E3	Twill	0.55mm	440	1000mm	1 Linear Metre
ASIL-TEX-C-FB3/480/1000	FB3	Twill	0.55mm	480	1000mm	1 Linear Metre
ASIL-TEX-C-FB3/740/1000	FB3	Satin	0.97mm	740	1000mm	1 Linear Metre
ASIL-TEX-C-FB3/1050/1000	FB3	Double Twill	1.35mm	1050	1000mm	1 Linear Metre
ASIL-TEX-C-D3/266/1000	D3	Satin	0.28mm	266	1000mm	1 Linear Metre

Further Information

Material Safety Data Sheet	Alumina Silica Fibre Textiles
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Disclaimer
Please note, failure to select the correct materials or products we supply ("the Products") may result in damage to plant, equipment or property. In some instances, it may cause death or personal injury. We are not designers and do not give advice about design related matters concerning the Products. We can help and assist with the technical specifications for the Products. In specific applications, particularly where critical conditions exist, we will try to assist you within the limitations of the services that we offer. All information supplied by us is intended as technical co-operation outlining the specifications of the different Products which we supply. To the extent permitted in law, no warranty is given in respect of any information supplied by us. The customer must satisfy themselves as to the suitability of the Products for their intended application and use. The correct fitting of Products is the responsibility of the customer. Your statutory rights remain unaffected. Save in respect of death, personal injury or fraud, our entire liability to you, however arising from the supply of Products shall be limited to the £10M indemnity amount provided by our insurers.