

FIBRE GLASS FABRICS

DESCRIPTION

Tex Tech offers uniform and distortion free fiber glass fabrics which is made on high speed airjet machine using high quality E class fibreglass yarn . It is available in different densities, thicknesses and weave patterns.Our most popular style nos for electronics are 7628, 1070, 1080 and 771 for mica insulation to name a few.

We also supply fiberglass fabrics with heat and silane treatment for improved resin compatibility.

APPLICATION

Tex Tech fibreglass fabrics finds application in commercial and industrial uses due to unique properties of fibreglass .

Fibre Glass Fabrics has versatile applications in the following industries

- Aerospace

Composites

Construction

Chemical

Infrastructure

Electronics

Fibre Reinforcement Plastics

Defence

Windmills
- Transportation

Thermal Insulation

Electrical Insulation

Lamination

Coating

Sports

Marine

PROPERTIES

- ◇ Light Weight

◇ High Tensile Strength

◇ Resistance to Chemicals

◇ High Dimensional Stability

◇ Easy to use

◇ Corrosive Resistance

◇ Anti Ageing

◇ Compatible with most resins
- ◇ Cost Effective

◇ Excellent Thermal and Electrical Insulation

◇ Superior Acoustic Properties





FIBREGLASS FABRIC PROPERTIES

TYPE	PARAMETER										
	Thickness (mm)	Weight (g/m ²)	Warp Yarn	Weft Yarn	Weave Type	Construction (ends/in)		Breaking Strength (N/cm)		L.O.I (%)	Heat & Silent/Loom State Treatment
						Warp	Weft	Warp	Weft		
106	0.033±0.012	24.5±2.5	ECG 900 1/0	ECG 900 1/0	Plain	56±2	56±2	≥20	≥16	0.12±0.05	Silane
771	0.045+-0.01	32±2	ECG 450 1/0	ECG 900 1/0	Plain	60±1	26±2	≥135	≥30	<2.6	Loom State
1080	0.055±0.012	47.5±2.5	ECG 450 1/0	ECG 450 1/0	Plain	60±2	47±2	≥64	≥36	0.12±0.05	Silane
2113	0.079±0.012	78±3	ECG 225 1/0	ECG 450 1/0	Plain	60±2	56±2	≥100	≥48	0.12±0.05	Silane
3313	0.084±0.012	81.4±2.5	ECG 300 1/0	ECG 300 1/0	Plain	60±2	62±2	≥80	≥80	0.12±0.05	Silane/Loom State
2116	0.100±0.012	105±3	ECG 225 1/0	ECG 225 1/0	Plain	60±2	58±2	≥100	≥88	0.12±0.05	Silane
7615- TTH	0.135±0.012	160±4	ECG 75 1/0	ECG 150 1/0	Plain	44±2	33±2	≥120	≥72	0.12±0.05	Silane/Loom State
7615- TTH	0.140±0.012	178±4	ECG 75 1/0	ECG 150 1/0	Plain	44±2	43±2	≥120	≥80	0.1±0.04	Silane/Loom State
1506	0.150±0.012	164±3	ECG 110 1/0	ECG 110 1/0	Plain	48±2	44±2	≥120	≥100	0.1±0.04	Silane/Loom State
7628	0.180±0.02	210±5	ECG 75 1/0	ECG 75 1/0	Plain	44±2	33±2	≥160	≥120	0.1±0.04	Silane
7630	0.185±0.02	220±5	ECG 67 1/0	ECG 67 1/0	Plain	42±2	33±2	≥160	≥120	0.1±0.04	Silane
7637	0.210±0.02	228±5	ECG 75 1/0	ECG 37 1/0	Plain	44±2	20±2	≥160	≥120	0.1±0.04	Silane

ECG means E GLASS

QUALITY STANDARD: National and International Standards

AVAILABILITY:

- Thickness- 0.025mm to 2mm
- Weaves- Plain,Twill,Leno,Satin,Multiaxil
- Width: Max 130mm
- Roll Length- Style 771- 6000 mtrs Others Max 2500 Mtrs
- Packing- In Strong Cartons and Pallets
- Storage- In normal temperature away from dust.

HEALTH, HYGIENE AND SAFETY:

All hygiene and safety standards should be followed while using.



DISCLAIMER:

All information, recommendations and test data herein are offered only as a guide. We believe them to be accurate but do not guarantee results, freedom from patent infringement, and suitability of this product for any resultant application

