

Hadilam EG & PG (Sheets & Tubes)

Characteristics

Hadilam EG & PG Sheets / Tubes are manufactured using thermosetting resins and specially treated fiberglass cloth suited for use at elevated temperatures. Hadilam Sheets are laminated under controlled heat and specified hydraulic pressure to give a compact laminate which is characterized by high dielectric strength, excellent mechanical and thermal properties and good flexural strength. Hadilam Sheets are resistant to weathering, humidity and many chemicals and have low thermal conductivity. Special grades with fire retardant properties are also available.

Application

Due to good machinability and punchability and high mechanical strength, Hadilam EG and PG are ideally suited for wedging applications, in electro-magnets as interlayer insulation, in switchgears as terminal plates, separators, connection rods and levers. Hadilam rods / tubes are widely used as rod bolts in transformer stacks, capacitors, transformer mounting rods and circuit breaker shafts.

Availability

Hadilam EG & PG Sheets are available in sizes of 1000 mm x 1500 mm / 500 mm in thicknesses of 0.25 mm and above. Special sizes upto a maximum of 1600 mm x 1200 mm can be manufactured on request. Hadilam Tubes are available in lengths of 100mm / 1200 mm and bore dia ranging from 10 mm to 350 mm in varrying wall thickness. Deviations can be made on specific customer request.

Shelf Life

Hadilam EG & PG exhibit no shelf life limitations when stored upto 12 months at 25 deg C temperature and 50% relative humidity.

Properties

	EG	PG
Reinforcement	Glass	Glass
Thermal Class	F / H	C
BDV (kV / mm)	> 50	> 50
Density	1.8	1.8
Compressive Strength (N / sqmm)	350	375
Shear Strength (N / sqmm)	100	110

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