

LANTEC GLASS & COMPOSITE TUBES

GENERAL DATA	Temperature Class	Electrical strength normal to axis in oil at 90°C KV	Axial electrical strength in oil at 90°C KV	Insulation resistance after 24 hrs in water M.Ω	Water absorption Mg/cm ²	Cohesion between layers MPa	Density Mg/m ³	Specifications
LTG 474 Medium weave glass with epoxy resin. A general purpose mechanical grade tube.	B 130°C	8	45	10 ³	1.5	350	1.80	BSEN61212 EPGC21 NEMA G10
LTG 475 A fine weave glass epoxy tube. Excellent mechanical and electrical properties coupled with superb machine capabilities.	F 155°C	9	70	10 ⁵	0.4	400	1.70	BSEN61212 EPGC22 DIN 7735 Hgw 2375 NEMA G11
LTG 476 A medium weave glass with epoxy resin. An excellent all round performance.	F 155°C	9	75	10 ⁴	0.3	350	1.80	BSEN61212 EPGC22 DIN 7735 Hgw 2375 NEMA G11
LTG 480 Medium weave glass with silicone resin. High thermal and dielectrical properties.	H 220°C	8	45	10 ⁴	0.2	160	1.65	BSEN61212 SI GC 21 NEMA G7 DIN 7735 Hgw 2375.4
LTG 484 Medium weave glass with polyester resin. Good mechanical strength with anti-tracking properties.	B 130°C	6	35	10 ³	0.6	230	1.70	—————
LTG 487 A medium weave glass with silicone resin. *As LTG 480 but with high deformation temperature performance.	H 220°C *350°C	8	45	10 ⁴	0.2	160	1.65	BSEN61212 SI GC 21 NEMA G7 DIN 7735 Hgw 2375.4
LTG 490 A medium weave glass with melamine resin. Good mechanical strength with high arc and track resistance.	F 155°C	6	30	10 ⁵	2	220	1.8	BSEN61212 MF GC 21 NEMA G5 DIN 7735 Hgw 2275

Langtec Limited are quality approved to ISO 9002 and have carried out research and technical investigations for major companies, national institutions and defence organisations.

The data is from tests in our works and does not constitute a specification. No liability shall be implied or assumed from any data given. Our considerable design and R & D knowledge is available to the user to ensure that we supply to your specification. Quality Control at all stages ensures very high standards. Certificates of compliance can be supplied.

Tubes are supplied in standard lengths or to your specification. We would be pleased to discuss with you any other requirements, resin systems or characteristics.



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