

LANTEX PHENOLIC BONDED KRAFT PAPER AND COTTON FABRIC TUBES

GENERAL DATA	Inside Diameter mm	Temperature Class °C	Electric Strength Normal to Axis in oil at 90°C MV/m	Axial Electric Strength in oil at 90°C KV	Insulation Resistance after 24 Hours in water M.Ω	Water Absorption Mg/cm ²	Cohesion between layers MPa	Density Mg/m ³	Specification
KRAFT PAPER TUBE LTP 400 Superior Grade of tubing with very low water absorption, preferred for M.O.D. and more exacting applications.	Minimum 3.2 Maximum 305	E 120	14 Typical 10 Minimum	35 Typical 30 Minimum	10	3	140	1.3	BS EN 61212 PFCP23 NEMA XXX DIN 7735 Hp 2067
KRAFT PAPER TUBE LTP 405 High quality commercial tubing with excellent electrical characteristics. Superb machining properties.	Minimum 4.8 Maximum 305	E 120	17 Typical 14 Minimum	40 Typical 35 Minimum	10	10	150	1.2	BS EN 61212 PFCP21 NEMA XX DIN 7735 Hp 2066
COTTON MEDIUM WEAVE TUBE LTC 452 Excellent commercial grade with mechanical strength and good impact resistance.	Minimum 4.8 Maximum 305	E 120	7 Typical 5 Minimum	20 Typical 15 Minimum	30	10	140	1.2	BS EN 61212 PFCC22 NEMA C DIN 7735 Hgw 2083
COTTON FINE WEAVE TUBE LTC 455 Superior Grade suitable for more stringent mechanical applications, ideal for intricate machining.	Minimum 4.8 Maximum 305	E 120	8 Typical 6 Minimum	30 Typical 25 Minimum	20	5	160	1.2	BS EN 61212 PFCC21 NEMA LE DIN 7735 Hgw 2088
COTTON ULTRA FINE WEAVE TUBE LTC 460 The highest quality state of the art grade, developed for M.O.D. and other very stringent applications.	Minimum 4.8 Maximum 305	E 120	8 Typical 6 Minimum	30 Typical 25 Minimum	20	5	140	1.2	BS EN 61212 PFCC21 NEMA LE DIN 7735 Hgw 2086
KRAFT PAPER TUBE LT 21 Specially developed for mechanical applications, has excellent hoop strength, machines well and can be an excellent alternative to steel.	Minimum 4.8 Maximum 305	E 120	—	—	—	3	150	1.25	BS EN 61212 PFCP21 NEMA XX DIN 7735 Hp 2066

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.

Sizes stated are typical and supplied in standard lengths or to your specification. Modified phenolic resin is standard. We would be pleased to discuss with you any other requirements, resin systems, or characteristics.



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