



FRANKLIN
LAMITEX, LLC

Composites For Today's Challenges

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Franklin Vulcanized Fibre Tube Performace Data

Tensile Strength:	840 kg/sq-cm (1,196 psi) for a wall thickness less than 1/32 inch when the OD is less than 2.0 inches.		
Density:	Minimum 1.35 g/cm ³ with production material varying 1.38 to 1.40 g/cm ³		
Compressive Strength:	Wall thickness 1/32 inch to 1/8 inch:	770 kg/sq-cm	1,095 psi
	Wall thickness 1/8 inch to 5/16 inch:	840 kg/sq-cm	1,195 psi
Dielectric Strength	Wall thickness less than 1/16 inch:	175 Volts/cm	
	Wall thickness 1/16 inch to 1/8 inch:	150 Volts/cm	
	Wall thickness 1/8 inch to 5/16 inch:	100 Volts/cm	
Water Absorption (% after 24 hours)	Wall thickness 1/32 inch to 1/8 inch:	75%	
	Wall thickness 1/8 inch to 1/4 inch:	50%	
	Wall thickness 1/4 inch to 5/16 inch:	25%	
Ash Content:	Red 3.5%, White 3.5%, Grey 1.5%, Black 1.5%		
Zinc Chloride Content:	Minimum 0.03% and Maximum 0.07%		

All values are average test results from typical production material. No warranty is implied or guaranteed and testing is recommended for each application.

All information and suggestions pertaining to the properties and uses of the materials described herein are based upon tests and data believed to be accurate; however, the final determination regarding the suitability of any material for such use is the sole responsibility of the user. No warranty is expressed or implied, including, without limitation, warrant of merchantability or fitness for a particular purpose. Under no circumstances shall Lamitex, LLC be liable for incidental or consequential loss or damage.

Composite Tubes • Bearings • Molded Shapes • Rotary Vanes • Fabricated Parts • Vulcanized Fibre • High Temp Insulation