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## T42 Product Data Sheet

### Material Details

<b>Grade:</b>	T42. (Type: Paper & Fabric - SRBP & SRBF (Not manufactured by The Attwater Group))
<b>Description:</b>	Epoxy Cotton. (Not manufactured by The Attwater Group)
<b>Comments:</b>	A high quality tube produced from Epoxy resin and scoured fine weave cotton cloth. The tube has excellent mechanical and electrical properties and a high comparative tracking index in excess of 500 V. The product machines to a very good finish.
<b>Body Colour:</b>	Pale Cream
<b>Standard Finish:</b>	Ground (unless otherwise stated)
<b>Size:</b>	1220mm trimmed (max) Thickness Range: Min ID 10.0mm, Min wall 1.0mm(Ground) 2.0mm(as produced). †

### General Properties

Property	Unit of measure	Typical Value
Density	g/cm <sup>3</sup>	1.35
Water Absorption	mg	2.5

† Where relevant, the flammability test method is used solely to control and monitor consistency of production. Under no conditions should the results be considered in relation to fire hazards under actual conditions of use.

### Electrical Properties

Property	Unit of measure	Typical Value
IR (24hrs Water Immersed)	G □	0.08
IR (Dry)	G □	0.08
Radial Electric Strength	MV/m	7

### Mechanical Properties

Property	Unit of measure	Typical Value
Cohesion	-	180

Property	Unit of measure	Typical Value
Axial Compressive	-	180

## Thermal Properties

Property	Unit of measure	Typical Value
Thermal Rating Continuous	°C	130

## Notes

- Datasheet Issue No. 1

Disclaimer: The above values are based upon routine test data and do not form the basis of a supply contract. These products may be used in a diverse range of applications and whilst every effort is made to ensure the information in this data sheet is accurate, it must be stressed that it is the user's responsibility to ensure suitability for the intended end use.

Source: <https://www.attwater.com/products/t42/>