

Date Generated: 03.05.25

## T12 Product Data Sheet

### Material Details

<b>Grade:</b>	T12. (Type: Paper & Fabric - SRBP & SRBF (Not manufactured by The Attwater Group))
<b>Description:</b>	Phenolic Cotton. (Not manufactured by The Attwater Group)
<b>Comments:</b>	A high quality Phenolic cotton tube manufactured from medium weave cloth and phenolic resin. T12 tube exhibits good mechanical properties, electrical properties and also machines well. Manufactured to generally meet the requirements of BSEN61212 PFCC22 (supersedes BS6128 PFCC82)
<b>Specifications:</b>	BSEN61212 PFCC22 (Which supersedes BS6128 PFCC82). The closest NEMA equivalent to this specification is CE.
<b>Body Colour:</b>	Light brown
<b>Standard Finish:</b>	Ground (unless otherwise stated)
<b>Size:</b>	1220mm trimmed (max) Thickness Range: Min ID 8.0mm, 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	3

‡ 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 □	0.05
IR (Dry)	G □	0.05
Radial Electric Strength	MV/m	5

Mechanical Properties

Property	Unit of measure	Typical Value
Cohesion	-	160
Axial Compressive	-	150

Thermal Properties

Property	Unit of measure	Typical Value
Thermal Rating Continuous	°C	120

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/t12s/>