

TECHNICAL DATA

500 BTC WAXED POLYESTER CORD

DESCRIPTION

500 BTC is a high tensile 100% polyester cord coated with wax.

When subject to high temperatures the cord will shrink slightly, which is a desirable characteristic when lacing the end-windings of coils, as this aids consolidation.

The wax covering aids application and sliding during the lacing process, as well as causing less abrasion to operators fingers than uncoated cords.

APPLICATIONS

500 BTC finds use as a tying and lacing cord for the end-windings of electric motors and generators.

PHYSICAL PROPERTIES

Reference No	500 BTC
Yarn type	100% polyester
Thermal class	130°C (Class B)
Thermal resistance	Polyester 150°C, Wax 40°C
Area weight	0.70g/metre minimum
Tensile strength at break	280 Newton's minimum
Elongation	11%
Shrinkage - 30 minutes @ 170°C	5% minimum
Colour	Natural white
Packaging	Coils of 500 metres
RoHS 2011/65/EU & RAEE 2002/96/CE Compliant	Yes
Storage temperature	20°C maximum