



## Semi Conductive Tape

Type: Semi Conductive Tape

Composition: Non-woven Fabric, Carbon black, Water swellable powder

Application: Use between metal core screens and overlying metal sheaths to block water and ensure electrical contact. Use as a bedding or binding element in the core screen area of power cables.

Property	Unit	Technical	Standard
Specification		BZD-30	BZD-50
Thickness	mm	0.3±0.03	0.5±0.1
Weight	g/m <sup>2</sup>	110±10	145±15
Tensile Strength	N/cm	≥30	≥40
Elongation	%	≥12	≥12
Swelling Speed	mm/1st min	≥8	≥10
Swelling Height	Mm/3rd min	≥12	≥15
Short-Term Stability	°C	230	230
Long-Term Stability	°C	90	90
Surface Resistance	Ω/sq	<1500	<1500
Volume Resistance	Ω.cm	<1×10 <sup>6</sup>	<1×10 <sup>6</sup>
Moisture content	%	<9	<9

### Packaging

ID: 76mm

PADS OR TW SPOOLS AS PER CUSTOMER REQUIREMENT

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