



## Semi Conductive Nylon Tape

Type: Semi Conductive Nylon 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
Specification		CBNLD-14
Thickness	mm	0.14±0.02
Weight	g/m <sup>2</sup>	120±10
Tensile Strength	N/cm	≥140
Elongation	%	≥25
Swelling Speed	mm/1st min	≥8
Swelling Height	Mm/3rd min	≥12
Short-Term Stability	°C	230
Long-Term Stability	°C	90
Surface Resistance	Ω/sq	≤1500
Volume Resistance	Ω.cm	6 ≤1×10 <sup>6</sup>
Moisture content	%	≤7

### Packaging

ID: 3" or 6" Core

PADS OR TW SPOOLS AS PER CUSTOMER REQUIREMENT

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