

HANYU CABLE MATERIALS CO., LTD.

Semi-conductive Nonwoven Tapes, SCWD

Composition: Polyester fiber, semi-conductive adhesive.

Application: Be made of 100% polyester, dipping into semi-conductive adhesive and drying. The tensile strength is excellent as the fiber be carded enough. Be used for making the Semi-conductive Water-blocking tapes. The surface resistance is small. It be used for more tensile strength, more air-permeable and shielding fabric. Material selection is based on the strength, thickness, resistance requirement for the particular application.

Technical Data

Property	Unit	Types							Test Method
		WD-6-30	WD-6-40	WD-6-50	WD-6-60	WD-6-70	WD-6-80	WD-6-90	
Mass/unit area	g/m ²	30±4	40±4	50±4	60±5	70±5	80±5	90±5	ISO9073-1
Thickness	mm	0.14±0.03	0.16±0.03	0.23±0.03	0.24±0.03	0.22±0.03	0.20±0.03	0.20±0.03	ISO9073-2
Tensile strength	N/cm	≥18	≥23	≥30	≥36	≥43	≥46	≥55	ISO9073-3
Elongation	%	≥10	≥10	≥10	≥10	≥10	≥10	≥10	ISO9073-3
Surface resistance	Ohm/□	≤1500	≤1500	≤1500	≤1500	≤1500	≤1500	≤1500	DIN53482
Volume resistance	Ohm.cm	≤50000	≤50000	≤50000	≤50000	≤50000	≤50000	≤50000	DIN54345
Short-term stability	°C	230	230	230	230	230	230	230	Hytest-5
Long-term stability	°C	90	90	90	90	90	90	90	IEC216
Moisture content	%	≤1.5	≤1.5	≤1.5	≤1.5	≤1.5	≤1.5	≤1.5	ISO 287

These are general specifications, other specifications are available on request.

Spool is ordered from 150mm-700mm. Width, ID are also available on request.

Package: plastic foil bag inside, plastic woven bag outside.