

Semi-conductive Non-woven Tapes MSCWD

Composition: Polyester fiber, semi-conductive adhesive

Application:

Made of 100% polyester, dipping into semi-conductive adhesive and drying. The tensile strength is excellent as the fiber is carded enough. The surface resistance is small. Used for conductor binding, shielding, and separating in cables.

		Types				
Property	Unit	MSCWD-10	MSCWD-15	MSCWD-20	MSCWD-25	Test Method
Mass per unit area	g/m ²	30±5	50±5	75±5	90±10	ISO9073-1
Thickness	mm	0.10±0.04	0.15±0.04	0.20±0.04	0.25±0.04	ISO9073-2
Tensile strength	N/cm	≥20	≥30	≥43	≥46	ISO9073-3
Elongation	%	≥10	≥12	≥12	≥12	ISO9073-3
Sur-resistance	Ω/□	≤1500	≤1500	≤1500	≤1500	DIN53482
Vol-resistance	Ω.cm	≤10 ⁶	≤10 ⁶	≤10 ⁶	≤10 ⁶	DIN54345
Short-term stability	°C	230	230	230	230	Supplier Test Method
Long-term stability	°C	90	90	90	90	IEC216
Moisture content	%	≤5	≤5	≤5	≤5	ISO 287

Spool is ordered from 150mm-700mm. Width, ID available on request.
Other specifications available on request.