

Semi-conductive Water-blocking Tapes MSCW

Composition: Polyester non-woven fabric, super absorbent resin, semi-conductive adhesive

Application:

Used under neutral screen wires and tapes between cable components.

		Types			
Property	Unit	MSCW-30	MSCW-40	MSCW-50	Test Method
Mass per unit area	g/m ²	120±10	150±10	160±10	ISO9073-1
Thickness	mm	0.30±0.03	0.40±0.03	0.50±0.03	ISO9073-2
Tensile Strength	N/cm	≥30	≥40	≥60	ISO9073-3
Elongation	%	≥12	≥12	≥12	ISO9073-3
Surface resistance	Ω/□	≤1500	≤1500	≤1500	DIN53482
Volume resistance	Ω.cm	≤10 ⁵	≤10 ⁵	≤10 ⁵	DIN54345
Swelling speed	mm/1'00	≥8	≥8	≥8	Supplier Test Method
Swelling height	mm/3'00	≥12	≥12	≥12	Supplier Test Method
Short-term stability	°C	230	230	230	Supplier Test Method
Long-term stability	°C	90	90	90	IEC216
Moisture content	%	<9	<9	<9	ISO287

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