

Semi-conductive Buffer Water-blocking Tapes MSCWB

Composition: Polyester non-woven fabric, super absorbent resin, polyester bulky fabric, adhesive

Application:

Applications where a robust tape is required and used for water-blocking, shielding and buffering in neutral screen wire between cable components in high voltage power cable.

		Types		
Property	Unit	MSCWB-150	MSCWB-200	Test Method
Mass per unit area	g/m ²	230±40	260±40	ISO9073-1
Thickness	mm	1.5±0.6	2.0±0.6	ISO9073-2
Tensile Strength	N/cm	≥40	≥40	ISO9073-3
Elongation	%	≥12	≥12	ISO9073-3
Surface resistance	Ω/□	≤1500	≤1500	DIN53482
Volume resistance	Ω.cm	≤10 ⁶	≤10 ⁶	DIN54345
Swelling speed	mm/1'00	≥8	≥8	Supplier Test Method
Swelling height	mm/3'00	≥12	≥12	Supplier Test Method
Short-term stability	°C	230	230	Supplier Test Method
Long-term stability	°C	90	90	IEC216
Moisture content	%	<9	<9	ISO287

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