

Cable Products

Semi-conductive nonwoven-foam waterblocking bedding tape

DATA SHEET

3C1460

Properties (23°C, 50% RH)	Nominal value	Unit	Test methods = LANTOR® method
Mass per unit area	225	g/m ²	ISO 9073-1 = KE030
Thickness	1.6	mm	ISO 9073-2 = KE050
Tensile strength	60	N/cm	ISO 9073-3 = KE060
Elongation	14	%	ISO 9073-3 = KE060
Surface resistance	700	Ω/[]	IEC 167 = KE200
Volume resistivity	0.02	MΩ.cm	DIN 54345, Part 1 = KE276
Moisture content (ex works)	6	%	110°C (halogen drying) = KE186
Swelling speed (first min.)	5	mm/min.	Eur. HD 605 S1/A1 = KE100
Swelling height (final in 3 min.)	15	mm	Eur. HD 605 S1/A1 = KE100
Max. service temperature	90	°C	IEC 216 = Info Sheet 45, Para. 11
Max. processing temperature	225	°C	Info Sheet 45, Para. 12
Composition	Polyester Polyacrylate Waterswellable powder / Carbon impregnation / Polyurethane coating		

Used in power cables, in the screen area:

- . under the radial water barrier, smooth or corrugated
- . under the open metal screen (wire), which is, without separating tape, covered by a smooth, sealed radial water barrier
- . for fixation and bedding of the copper screen wires
- . for protection of steel tubes, containing glass fibres, in the screen

This information is presented in good faith but is not warranted as to the accuracy of the results.

Also, freedom from patent infringement is not inferred.

This information is offered solely for your investigation, verification and consideration.