

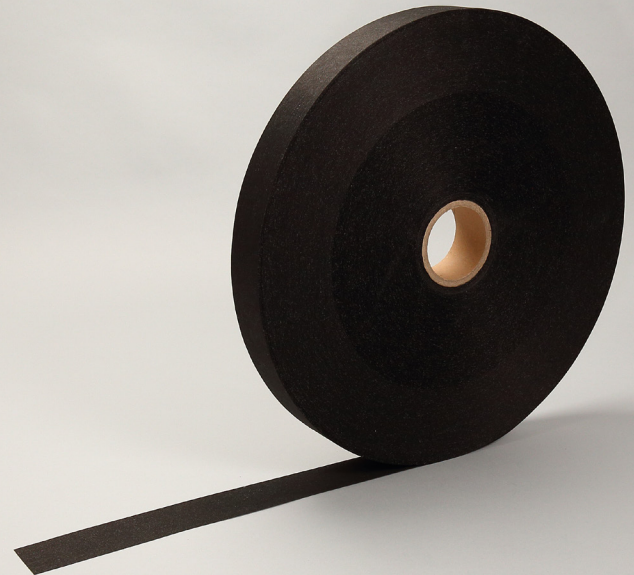
CABLE



Product Datasheet

3C1150

Semiconductive waterblocking tape



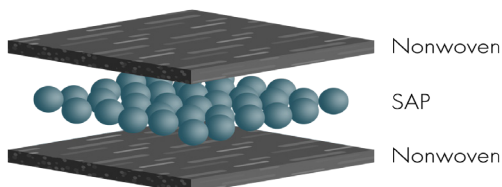
Description

- Excellent swelling and waterblocking
- Preferential swelling direction
- Excellent bedding performance

Application

- Bedding and waterblocking
- Large size gaps
- Swelling direction to screen or wire sheath
- Over an insulation screen
- Under and over a metal tape or wire screen
- Under an extruded lead/aluminium sheath

Product composition



Specifications

Properties		Value	Test method
Thickness	mm	0,55	ISO 9073-2
Mass per unit area	g/m ²	170	ISO 9073-1
Tensile strength	N/cm	45	ISO 9073-3
Elongation	%	15	ISO 9073-3
Swelling height (1 min.)	mm	6	HD 605 S1/A1 (KE100)
Swelling height (3 min.)	mm	16	HD 605 S1/A1 (KE100)
Specific length resistivity	Ωcm	30	DIN 54345 Part 5
Volume resistivity	kΩcm	45	DIN 54345 Part 1
Service temperature	°C	≤ 90	IEC 60216 (TIS 045)
Processing temperature	°C	≤ 225	(TIS 045)

Slitting dimensions

Dimensional data		Pads		Spools	
		min.	max.	min.	max.
Slit width	mm	10	960	10	50
Outer diameter	mm	custom			
Inner diameter (core)	mm	77, 102, 121, 127, 153			
Core width	mm	Slit width		≤ 500	
Wound width	mm	-		Core width - 20	

Customisation possible on request

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