

# CABLE



## Product Datasheet

### 3C1431

Semiconductive waterblocking separation tape



#### Description

- Excellent extrudate penetration resistance
- Preferential swelling direction
- High tensile and tear strength
- Good bedding performance

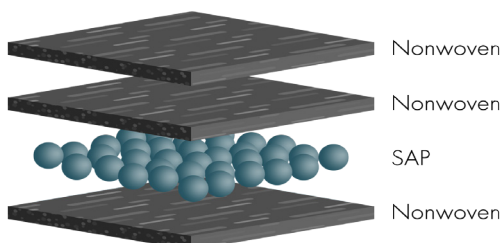
#### Application

- Bedding, binding and longitudinal waterblocking of conductor
- Separation over stranded conductor
- Excellent conductor protection during high pressure extrusion
- Under and over a metal tape, wire screen
- Shielding and electric field control

#### Specifications

Properties		Value	Test method
Thickness	mm	0,34	ISO 9073-2
Mass per unit area	g/m <sup>2</sup>	215	ISO 9073-1
Tensile strength	N/cm	100	ISO 9073-3
Elongation	%	15	ISO 9073-3
Swelling height (1 min.)	mm	3	HD 605 S1/A1 (KE100)
Swelling height (3 min.)	mm	5	HD 605 S1/A1 (KE100)
Specific length resistivity	Ωcm	10	DIN 54345 Part 5
Volume resistivity	kΩcm	45	DIN 54345 Part 1
Service temperature	°C	≤ 140	IEC 60216 (TIS 045)
Processing temperature	°C	≤ 225	(TIS 045)

#### Product composition



#### 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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