

# CABLE



## Product Datasheet

### 3C1174

Semiconductive submarine waterblocking tape



#### Description

- Excellent swelling and waterblocking
- Good aquamarine swelling
- Preferential swelling direction
- Good bedding performance
- High tensile and tear strength

#### Application

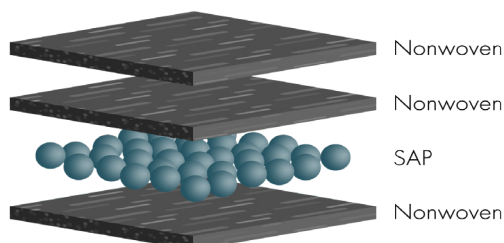
- Bedding and waterblocking
- Large size gaps
- Over an insulation screen
- Under and over a metal tape or wire screen
- Under an extruded lead/aluminium sheath

#### Specifications

Properties		Value	Test method
Thickness	mm	0,50	ISO 9073-2
Mass per unit area	g/m <sup>2</sup>	245	ISO 9073-1
Tensile strength	N/cm	100	ISO 9073-3
Elongation	%	13	ISO 9073-3
Swelling height (1 min.)	mm	14 / 2,4*	HD 605 S1/A1 (KE100)
Swelling height (3 min.)	mm	23 / 3,1*	HD 605 S1/A1 (KE100)
Specific length resistivity	Ωcm	50	DIN 54345 Part 5
Volume resistivity	kΩcm	250	DIN 54345 Part 1
Service temperature	°C	≤ 110	IEC 60216 (TIS 045)
Processing temperature	°C	≤ 225	(TIS 045)

\* Measured in 3,3% NaCl water

#### 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

The information contained in this document has been compiled in good faith by Lantor BV, but nevertheless no representation or warranty is given as to the accuracy or completeness of the (technical) information provided herein. Lantor BV can not be held liable of any damages arising from any (printing) errors or omissions in this information. Lantor BV reserves the right to make changes with respect to the information provide at any time without further notice.

PO box 45 - 3900 AA  
Verlaat 22 - 3901 RG  
Veenendaal, The Netherlands  
T +31(0) 318 537 111  
info@lantor.com

enabling performance  
[www.lantor.com](http://www.lantor.com)

