

Product Datasheet

3C51-series Semiconductive waterblocking tape

Description

- Excellent waterblocking
- Good swelling
- Equal swelling on both sides
- Good bedding performance

Application

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

The
Original
European
Quality



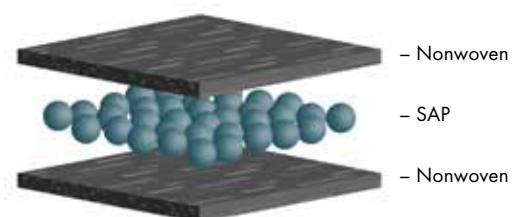
Specifications

Properties		3C5141	3E5151	3E5161	Test method
Thickness	mm	0,32	0,33	0,34	ISO 9073-2
Mass per unit area	g/m ²	93	103	110	ISO 9073-1
Tensile strength	N/cm	50	50	50	ISO 9073-3
Elongation	%	10	10	10	ISO 9073-3
Swelling height (1 min.)	mm	6	8	11	HD 605 S1/A1 (KE100)
Swelling height (3 min.)	mm	9	12	16	HD 605 S1/A1 (KE100)
Volume resistivity	kΩcm	250	250	250	DIN 54345 Part 1
Service temperature	°C	≤ 110	≤ 110	≤ 110	IEC 60216 (TIS 045)
Processing temperature	°C	≤ 225	≤ 225	≤ 225	(TIS 045)

Slitting dimensions

Dimensional data		Pads		Spools	
		Minimum	Maximum	Minimum	Maximum
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					

Product composition



Cable solutions

LANTOR CORE INSIDE The Original European Quality



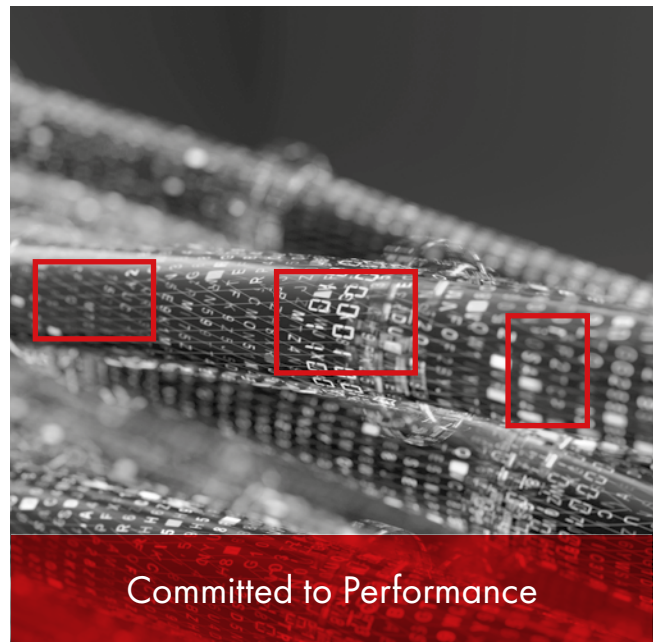
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Committed to Partnership



Committed to Performance

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