

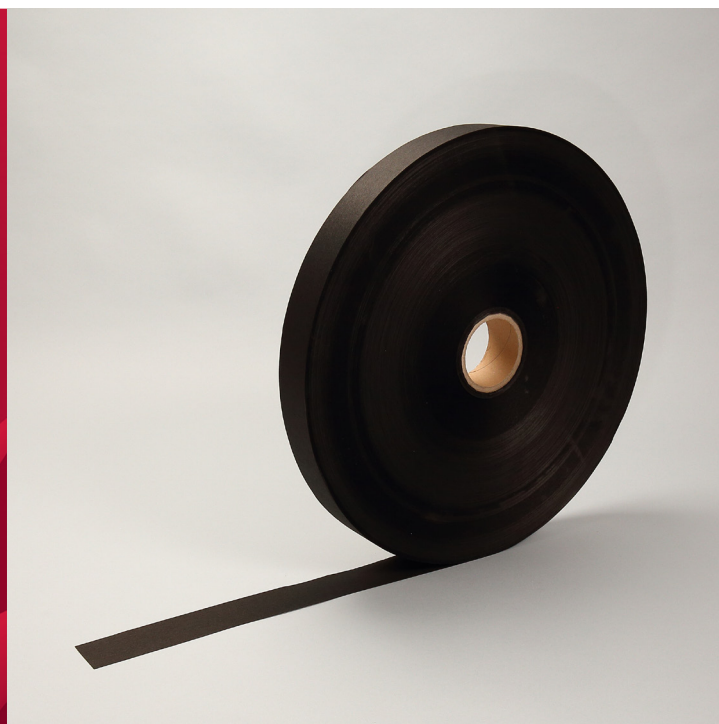
# CABLE



## Product Datasheet

# 3C4221

## Semiconductive tape



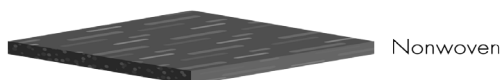
### Description

- Extra thin and strong material
- Excellent conducting properties

### Application

- Bedding, binding, separation and heat barrier
- Over insulation screen
- Under and over a metal tape, wire screen or armor
- Shielding and electric field control

### Product composition



### Specifications

Properties		Value	Test method
Thickness	mm	0,15	ISO 9073-2
Mass per unit area	g/m <sup>2</sup>	100	ISO 9073-1
Tensile strength	N/cm	60	ISO 9073-3
Elongation	%	13	ISO 9073-3
Swelling height (1 min.)	mm	-	HD 605 S1/A1 (KE100)
Swelling height (3 min.)	mm	-	HD 605 S1/A1 (KE100)
Specific length resistivity	Ωcm	5	DIN 54345 Part 5
Volume resistivity	kΩcm	10	DIN 54345 Part 1
Service temperature	°C	≤ 140	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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