

CABLE



Product Datasheet

3E6100

Nonconductive tape



Description

- Thin, strong and smooth material
- Thermobond

Application

- Binding, separation and heat barrier
- Over the (multi-wire) cable core
- Between extruded layers
- Under the jacket

Specifications

Properties		Value	Test method
Thickness	mm	0,15	ISO 9073-2
Mass per unit area	g/m ²	100	ISO 9073-1
Tensile strength	N/cm	70	ISO 9073-3
Elongation	%	23	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	-	DIN 54345 Part 5
Volume resistivity	kΩcm	-	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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