

Product data sheet

3E405 I

Non conductive nonwoven tape

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Description

- Nonwoven fabric.
- Callendered, thin.
- High flexibility.
- High temperature resistance.

Technical Data

Properties (23 °C, 50% RH)	Value (nominal)	Unit	International standard (Lantor test method)
Mass per unit area	40	g/m ²	ISO 9073-1
Thickness	0.18	mm	ISO 9073-2
Tensile strength	32	N/cm	ISO 9073-3
Elongation	14	%	ISO 9073-3
Specific length resistance	-	kΩcm	DIN 54345 Part 5
Volume resistivity	-	kΩcm	DIN 54345 Part I
Swelling speed (1 st min.)	-	mm/min	HD 605 SI/AI (KEI00)
Swelling height (≤ 3 min.)	-	mm	HD 605 SI/AI (KEI00)
Service temperature	≤ 140	°C	IEC 60216 (TIS 045)
Processing temperature	≤ 225	°C	(Technical Information Sheet 045)
Moisture content (ex work)	I	%	110°C IR drying (TIS 045)
Composition	Polyester Polyacrylate		

Application

- where non conductive bedding, binding or separation is required e.g.
- Over the cable core or multi wire cable core.
- Between inner and outer jacket or under the outer jacket.
- Where flexible binding and excellent cable bending is required.

Make up

Standard *		Pads				Spools
Slit width	mm	15	16 ÷ 20	21 ÷ 30	≥ 31	12 ÷ 50
OD pad / spool	mm	≤ 300	≤ 400	≤ 500	≤ 600	≤ 500
ID core	mm	77, 102, 153				77, 153
Core width	mm	slit width				≤ 500
Wound width	mm					Core width -20

*) Other available dimensions on request

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