

Product data sheet

3C3091

Semi conductive nonwoven tape

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Description

- Nonwoven fabric carbon impregnated.
- Excellent bedding
- High temperature resistance.

Technical Data

Properties (23 °C, 50%RH)	Value (nominal)	Unit	International standard (Lantor test method)
Mass per unit area	95	g/m ²	ISO 9073-1
Thickness	0.50	mm	ISO 9073-2
Tensile strength	60	N/cm	ISO 9073-3
Elongation	14	%	ISO 9073-3
Surface resistance	600	Ω/□	IEC 60167
Volume resistivity	10	kΩcm	DIN 54345 Part I
Swelling speed (1 st min.)	-	mm/min	HD 605 SI/AI (KE100)
Swelling height (≤ 3 min.)	-	mm	HD 605 SI/AI (KE100)
Service temperature	≤ 140	°C	IEC 60216 (TIS 045)
Processing temperature	≤ 225	°C	(Technical Information Sheet 045)
Moisture content (ex work)	1	%	110°C IR drying (TIS 045)
Composition	Polyester Polyacrylate Carbon impregnation		ref.: D1.3029 799

Application

- Where semi conductive bedding, binding, separation or heat protection is required e.g.
- Over an insulation screen.
- Under and over a metal tape or wire screen.
- Under a folded and sealed aluminium sheath.
- Under an extruded lead sheath or welded or extruded aluminium sheath.

Make up

Standard *		Pads					Spools
Slit width	mm	15	16 ÷ 20	21 ÷ 30	31 ÷ 50	≥ 51	12 ÷ 50
OD pad / spool	mm	≤ 300	≤ 400	≤ 500	≤ 600	≤ 800	≤ 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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