

Product data sheet

3F9050

Non conductive flame retardant tape

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Description

- Non conductive nonwoven tape treated with a flame retardant compound.
- Halogen free.
- Calendered, thin.

Technical Data

Properties (23 °C, 50% RH)	Value (nominal)	Unit	International standard (Lantor test method)
Mass per unit area	110	g/m ²	ISO 9073-1
Thickness	0.20	mm	ISO 9073-2
Tensile strength	35	N/cm	ISO 9073-3
Elongation	12	%	ISO 9073-3
Specific length resistance	-	Ωcm	DIN 54345 Part 5
Volume resistivity	-	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	90	°C	IEC 60216 (TIS 045)
Processing temperature	225	°C	(Technical Information Sheet 045)
Moisture content (ex work)	1.5	%	110°C IR drying (TIS 045)
Limited Oxygen Index (LOI)	33	vol. %	ASTM D 2863
Composition	Polyester Polyacrylate FR compounds, aluminium hydroxide, ammonium polyphosphate		
Ref.: WP 51065, WP51074			

Application

- Where bedding, binding, separation and flame retardant properties are required e.g.
- For use in cables which satisfy the IEC 60332 or comparable specifications.
- Over the cable core or multi wire cable core.
- Between extruded layers or under the 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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