



Technical Data – VST7020

Thermally Conductive Tapes

Product description

- Thermal conductive acrylic foam tape.
- Colour: White

Construction

- Paper Liner
- Acrylic Adhesive

Technical data

Item	Unit	Spec.	Test method
Thickness	mm	0.2 ± 50µm	ASTM D-1000
Density	kg/m ³	1600 ± 100	-
Thermal Conductivity	W/m.K	1.5	TCi : 1 layer
180° Peel Strength	gf/25m		ASTM D-3330
Stainless Steel		700	
Aluminium		700	
Copper		700	
Dynamic Shear Strength	gf/cm ²		ASTM D-1002
Stainless Steel		4000	
Aluminium		3000	
Copper		3000	
Surface resistance	Ω	5.0 x 10 ¹⁵	ASTM D-257
Volume resistance	Ω/cm	2.0 x 10 ¹⁷	ASTM D-257
Dielectric Breakdown Voltage	kV	6	IEC-60243-1
Dielectric Strength	Kv/mm	30	IEC-60243-1
Holding Power (80°C, 250g)	hr	12hr	ASTM D-3654
Short Term (4hr, 100g)	°C	121	ASTM D-3654
Long Term (10,000min, 250g)	°C	93	ASTM D-3654

Note: Unless stated otherwise all values given are average. All of the tapes in our range should be thoroughly tested on the substrates in the particular application they are intended for. Hi-Bond Tapes Ltd. will not be responsible for product failure unless full testing has been completed. The customer has to decide on the tapes suitability for the intended application.



