



## Technical Data – VST7010

### Thermally Conductive Tapes

#### Product description

- Foamed Acrylic Tape
- Colour: White

#### Construction

- Paper Liner
- Acrylic adhesive



#### Technical data

Item	Unit	Spec.	Test method
<b>Thickness</b>	mm	0.1 ± 50µm	ASTM D-1000
<b>Density</b>	kg/m <sup>3</sup>	1600 ± 100	-
<b>180° Peel Strength</b>	gf/25m		ASTM D-3330
Stainless Steel		700	
Aluminium		700	
Copper		700	
<b>Surface Resistance</b>	Ω	3.0 x 10 <sup>15</sup>	ASTM D-257
<b>Dynamic Shear Strength</b>	gf/cm <sup>2</sup>		ASTM D-1002
Stainless Steel		4000	
Aluminium		3000	
Copper		3000	
<b>Thermal conductivity</b>	W/m.K	2.0	TCi : 1 Layer
<b>Volume Resistance</b>	Ω/cm	1.0 x 10 <sup>17</sup>	ASTM D-257
<b>Dielectric Breakdown voltage</b>	kV	4	IEC-60243-1
<b>Dielectric Strength</b>	Kv/mm	40	IEC-60243-1
<b>Holding Power (80°C, 250g)</b>	hr	12hr	ASTM D-3654
<b>Short Term (4hr, 100g)</b>	°C	121	ASTM D-3654
<b>Long Term (10,000min, 250g)</b>	°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.



#### High Performance Tapes and Adhesive Products

1 Crucible Road, Phoenix Parkway, Corby, Northamptonshire NN17 5TS  
Telephone: +44 (0)1536 260022 Fax: +44 (0)1536 260044

email: sales@hi-bondtapes.co.uk  
www.hi-bondtapes.com

Company Registration No. 3985595





## High Performance Tapes and Adhesive Products

1 Crucible Road, Phoenix Parkway, Corby, Northamptonshire NN17 5TS  
Telephone: +44 (0)1536 260022 Fax: +44 (0)1536 260044

email: [sales@hi-bondtapes.co.uk](mailto:sales@hi-bondtapes.co.uk)  
[www.hi-bondtapes.com](http://www.hi-bondtapes.com)

Company Registration No. 3985595

