



Technical Data – VST7025W

V2.0 10.07.18

A thermally conductive tape with excellent bonding properties. Ideal for use on LED and electronic applications.

Product description

- Foamed Acrylic Tape
- Colour: White
- Soft, tacky and conformable

Construction

- Red PE Liner
- Acrylic adhesive
- Available in log rolls or cut to specific widths



Item	Unit		Spec.		Test method
Thickness	mm	in	0.25	0.0010	-
Density	kg/m ³	lb/ft ³	1500	94	-
180° Peel Strength	gf/25m	lbf/in			ASTMD-3330 (Stainless steel, room temp)
Stainless Steel	m		1200	2.7	
Aluminium			800	1.8	
Copper			1000	2.2	
Tensile Strength (T-Block Test)	gf/cm ²	lbf/in ²	9000	128	ASTMD-897 (Aluminium, room temp)
Dynamic Shear	gf/cm ²	lbf/in ²			ASTM D-1002 (After 24hrs, room temp)
Stainless Steel			8000	114	
Aluminium			5000	71	
Copper			5500	78	
Temperature Resistance (Short Term)	°C	°F	160	320	-
Temperature Resistance (Long Term)	°C	°F	100	212	-
Low Temp. Resistance	°C	°F	-40	-40	-
UV Resistance	-	-	Good	-	-
Surface resistance	Ω/cm	Ω/in	5.0 x 10 ¹⁴	12.7 x 10 ¹⁴	ASTM D-257
Volume resistivity	Ω/cm	Ω/in	2.0 x 10 ¹³	5.08 x 10 ¹³	ASTM D-257
Dielectric Breakdown	kV	-	3.75	-	IEC-60243-1
Dielectric strength	kV/mm	kV/in	15	381	IEC-60243-1
Thermal conductivity	W/(m.K)	-	1	-	TCi

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.