



## Technical Data – HPS 03ST

### Thermal Conductive Silicone Pad

#### Applications:

- Reduce thermal resistance by eliminating air gaps.
- Low-stress for vibration and shock dampening.
- High Thermal Conductivity.
- Good Conformability.
- High Electrical Resistivity.
- Excellent Flame Retardant.
- Natural tack on both sides.
- Self tacky thermal pad.

#### Technical Data:

Item	Unit	Value	Test method
Colour	-	LIGHT BLUE	VISUAL
Thickness	mm	1.0 – 12.0mm	ASTM D374
Density	g/cm <sup>3</sup>	2.9	ASTM D5470
Hardness	Shore00	60	ASTM D2240
Thermal Conductivity	W/mk	>3.0	ASTM E1530
Dielectric Breakdown	Kv/mm	>6	ASTM D149
Volume Resistivity	Ω-cm	>10 <sup>13</sup>	ASTM D257
Use Temperature	°C	-55 ~ 180	-
Flame Resistance	-	V-0	UL94

**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.



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