

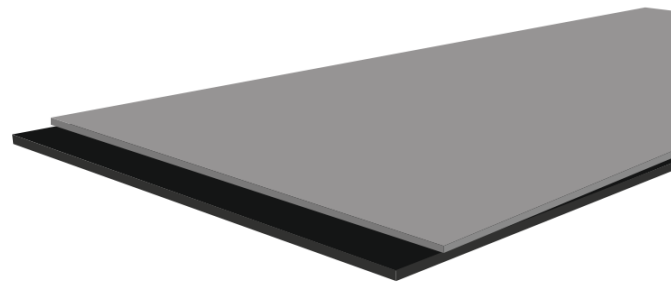
Technical Data – HPS ST500

V1.0 29.05.24

Medium Silicone Foam.

Applications:

- Environmental seals to protect against penetration of dust, moisture, air or light within outdoor enclosures such as lighting fixtures, HVAC units, and electronic cabinets.
- Vibration isolators in electronic components and transportation vehicles.
- Shock absorbing cushions and gaskets.



Technical Data:

Item	Unit	Value	Test method
Colour	visual	BLACK/GREY	-
Thickness	mm	1.5 ~ 10	-
Density	g/cm ³	0.45	-
Tensile Strength	kPa	420	ASTM D412
Compression Force Deflection	75% kPa	170@25% deflection	ASTM D1056
Compression set (@100°C/22hr)	% max	< 5 @ 100°C	ASTM D1056
Thermal Conductivity	W/mk	0.12	ASTM E1530
Dielectric Constant	-	1.6	ASTM D149
Volume Resistivity	Ω-cm	10 ¹³	ASTM D257
Continuous use Temperature	°C	-55 ~ 200	-
Flame Resistance	-	V-0	-

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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