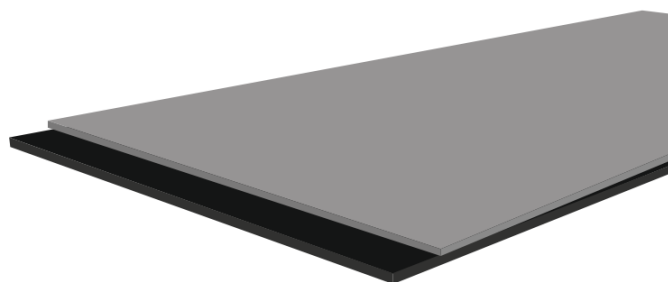


## Technical Data – HPS SF1000

### Non-Flammable 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.
- Available with pressure-sensitive adhesive on one or two sides to allow application to a variety of surfaces.



Silicone Foam

Release Film

#### Technical Data:

Item	Unit	Value	Test method
Colour	visual	BLACK/GREY	-
Thickness	mm	0.8 ~ 3.8	-
Density	-	0.500	-
Tensile Strength	%	80 ~ 85	ASTM D412
Compression Force Deflection	75% KPa	420	ASTM D412
Compression set ( @100°C/22hr)	% max	< 5	ASTM D395 B
Thermal Conductivity	W/mk	0.3	ASTM E1530
Dielectric Constant	-	0.87	ASTM D150
Volume Resistivity	Ohm-cm	10 <sup>14</sup>	ASTM D257
Continuous use Temperature	°C	-55 ~ 200	-
<b>Withstands 1000°C for 150 seconds</b>			

**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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