

### DSI - Silicone Antivibration Sheets

Silicone rubber is physiologically inert, thus making it the preferred choice of medical, pharmaceutical and food processing industries. Silicone has comparatively low mechanical properties, tensile strength, elongation and tear strength, however they remain constant even at high temperature but should not be used with high-pressure steam. Its resistance to oil and hydrocarbon products is fairly limited and similar to that of Chloroprene rubbers. Reasonable resistance to a whole range of general chemical products, but acids, alkalis, esters and kerosene should be avoided. Silicone has excellent resistance to heat (dry air), at +200° C intermittent. It remains flexible at low temperatures of -70° C and it is also resistant to ultra-violet light, Ozone and weathering. Exhibits low inflammability and low smoke toxicity. It has good electrical insulation properties.



#### SILICONE RUBBER SHEETS

Code	Thickness	Specific Gravity	Hardness (+/-5)	Tensile Strength	Elongation at break	Compression Set at 70° C for 22 Hrs	Temperature Range	Colour
	mm	gm/cm <sup>3</sup>	Shore A	(min) Kg/cm <sup>2</sup>	(min) %	%	° C	
DSI-3	3	1.3	60	60	200	45	-70 to +200	Brick Red
DSI-5	5	1.3	60	60	200	45	-70 to +200	Brick Red

Standard Length	10 Mtr		
Standard Width	1.2 Mtr		

Note	1. One side or both side smooth or fabric finish can be supplied.
	2. Specifications are subject to change without notice.