

Dynemech Silicone Anti Vibration Sheets : Series DSI

Silicone Anti Vibration sheets are highly regarded in the medical, pharmaceutical, and food processing industries due to its physiological inertness ideal for applications requiring biocompatibility and safety.

Mechanical Properties of Silicone Rubber

Moderate tensile strength elongation and tear resistance. Consistent mechanical performance at high temperatures. Not recommended for high-pressure steam applications.

Chemical Resistance Capabilities

Fair resistance to oils and hydrocarbon products. Reasonable chemical resistance across general products. Avoid exposure to acids, alkalis, esters and kerosene

Exceptional Temperature and Environmental Durability

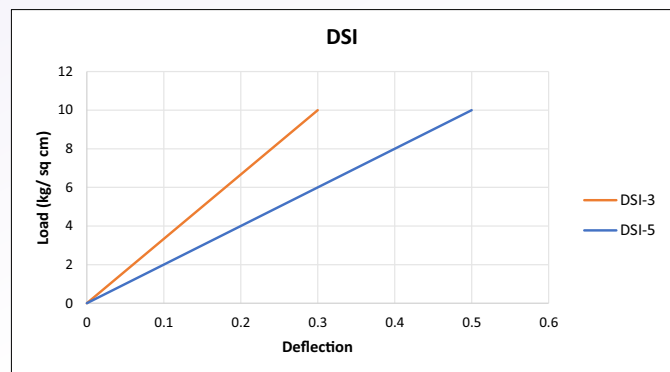
Excellent heat resistance up to +200°C in dry air conditions. Retains flexibility at low temperatures down to -70°C. Resistant to UV light ozone, weathering and aging.

Other Key properties of Silicon Anti Vibration Sheets

- Low flammability and low smoke toxicity levels .
- Good electrical insulation properties.
- Physiologically inert and non-toxic composition

Ideal Applications for Silicone Anti Vibration Sheets

- Medical Devices, Pharmaceutical processing equipment.
- Food industry machinery and equipments.
- High-temperature applications requiring heat resistance in automotive & HVAC systems.
- Outdoor applications like HVAC, construction, transportation exposed to UV radiation and weathering.
- Electrically insulating components and equipments



DSI Anti Vibration Sheet

Code	Thickness	Specific Gravity	Hardness (+/-5)	Tensile Strength	Elongation at break	Compression Set at 70° C for 22 Hrs	Temperature Range	Coefficient of Friction	Colour
	(mm)	(gm/cm³)	(Shore A)	(min) Kg/cm²	(min)%	(%)	°C		
DSI-3	3	1.3	60	60	200	45	-70 to +200	0.8	Brick Red
DSI-5	5	1.3	60	60	200	45	-70 to +200	0.8	Brick Red
Standard Length Standard Width		10 Mtr 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.						