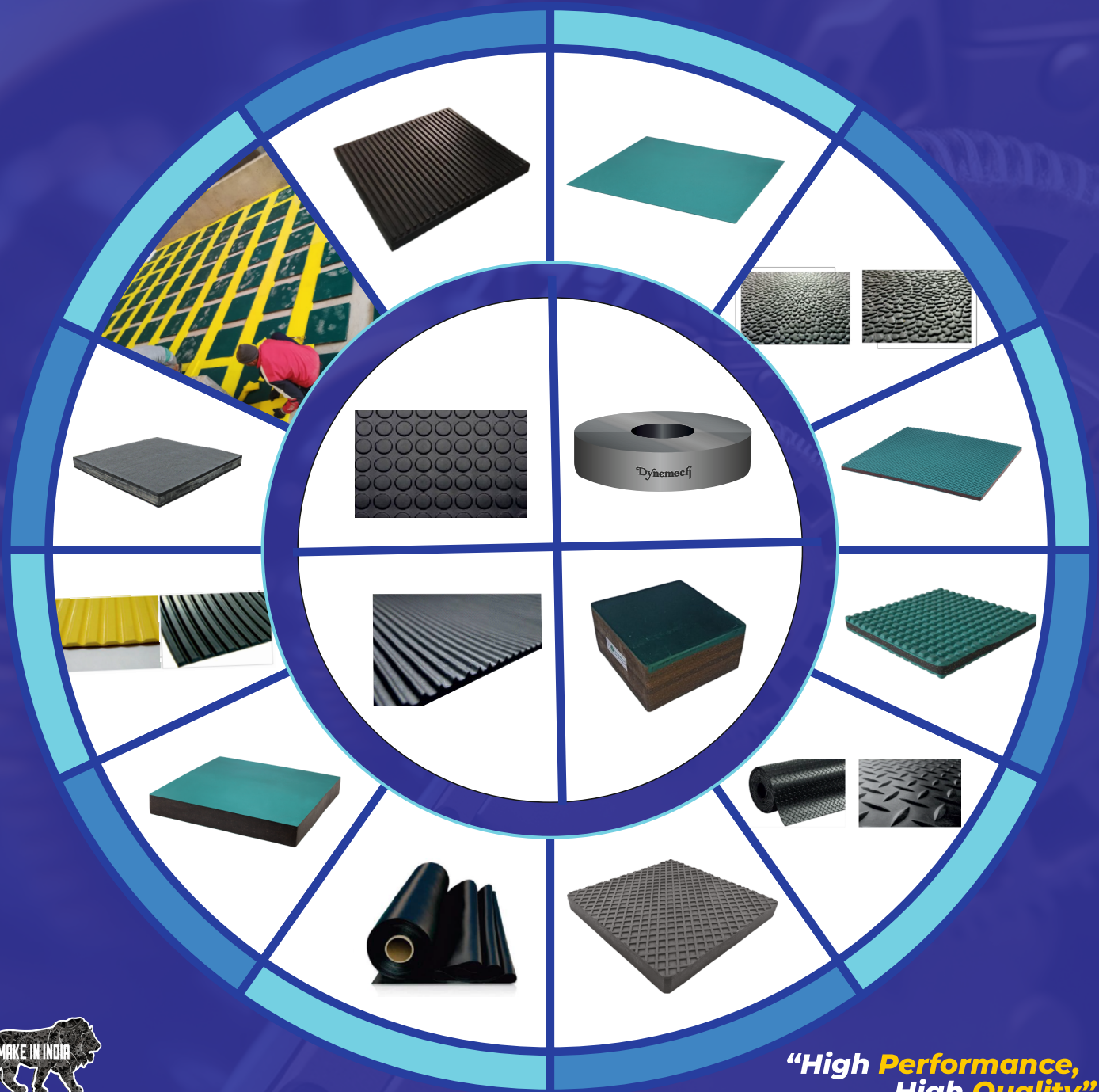


Engineered Excellence for Vibration-Free Operations

Dynemecch Vibration Isolation Plates, Vibration Insulation Sheets & Anti Skid Flooring



**"High Performance,
High Quality"**



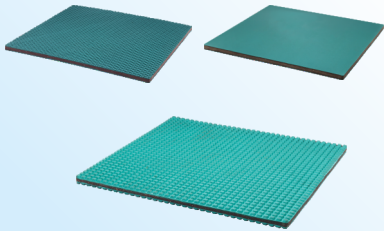
PRODUCT CATALOG

+91 98107-60131

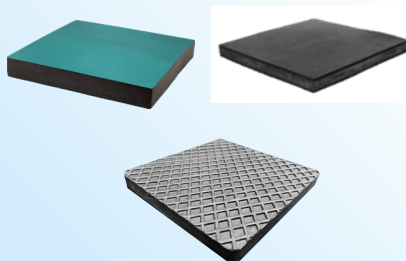
www.vibrationmountsindia.com
www.vibrationdampingpads.com

sales@dynemecch.com

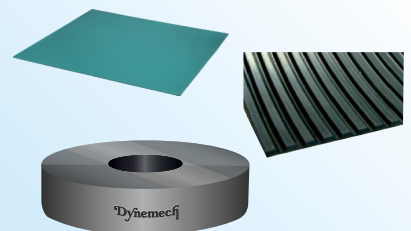
VIBRATION INSULATION SHEETS



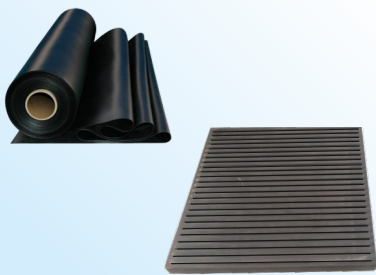
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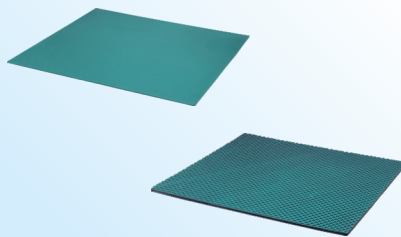
ANTI SKID PLATES & ANTI SKID FLOORING



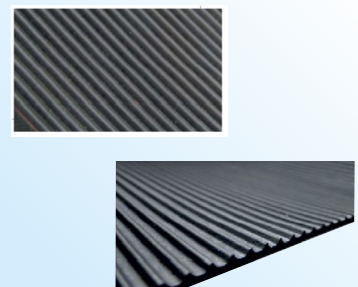
ANTI VIBRATION SHEETS



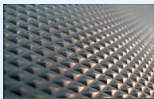
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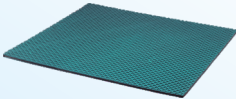
ANTI SKID FLOORINGS



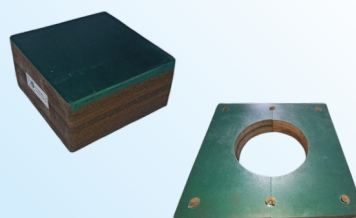
ANTI SKID FLOORINGS

BROAD RIB MAT, Series : DBR	DIAMOND DESIGN MAT - DDM	DIAMOND CHECKERED MAT, DCM	COIN MAT - DFM
 	 	 	 

ANTI SKID FLOORING, Series : DAM

AMEOBA MAT - DAM	DIE CUSHION PADS
 	

INSULATING PLATES CUSTOMIZED PRODUCTS



OUR INSTALLATION IMAGES

Engineered Excellence for Vibration-Free Operations : Dynemech Vibration Insulation Plates, Sheets & Anti Skid Flooring

1. Precision-engineered for optimal performance and durability.
2. Versatile solutions for diverse industrial applications.
3. Customizable solutions for specific requirements.
4. Anti-skid matting enhances workplace safety.
5. Unique cell design for better grip.
6. Fast & Easy Installation.

Dynemech's Elastomeric Vibration Insulation Plates

Dynemech is a leading manufacturer and supplier of Anti-vibration sheets. For many years, Dynemech Vibration Insulation Pads have been successfully used in a variety of industries and is known as a technically sound & an economical solution against problems caused by vibration and structure borne noise.

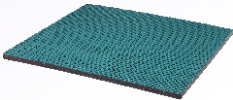
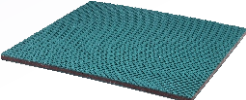
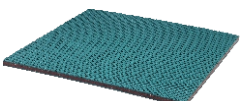
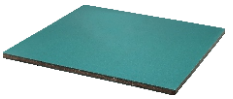
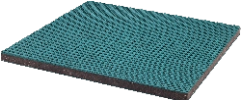
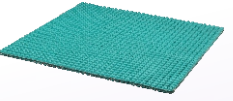
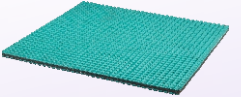
Dynemech offers ANTI VIBRATION SHEETS made from high grade synthetic composite material of Nitrile Rubber, Cork, Synthetic Fibre which at varying compositions gives different natural frequencies to suit almost every machine tool. The maximum available size for Dp1, Dp3 is 600x600mm. For all other types, it is 500x500mm. These sheets can be cut & supplied to any smaller sizes as per requirements.

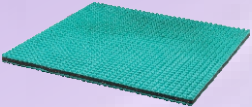

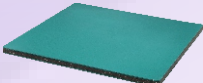
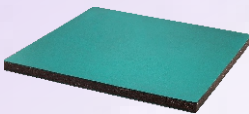
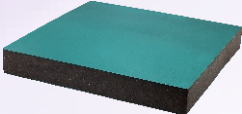
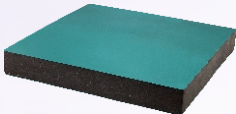
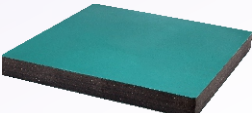
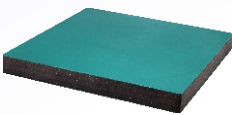
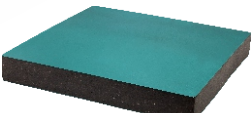
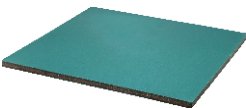
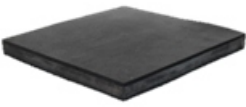
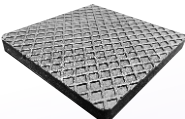

Excellent Insulation for Modern Machines Made from a precisely defined combination of high grade synthetic composite, the physical and mechanical properties of these high-quality Anti-Vibration sheet meet all norms and requirements of various industrial applications. Its excellent vibration damping properties ensure optimum deflection and level consistency.

Optimal for Industrial Application

Dynemech offers these Anti-Vibration sheets having different load capacities and are available in different natural frequencies to suit various industrial applications. Our Anti-Vibration sheets are resistant to water, oils, lubricating oils, fuels etc. used in the shop floor. Each Anti-vibration sheet has defined stress value and can be placed directly under the machine as per the weight of the machine and no. of mounting positions. These vibration insulation plates will not deform plastically, if the weight of machine does not exceed maximum load value of the vibration insulation plates.

Various Insulation Pads to Choose from The sheets are available in a variety of thicknesses - 2mm, 8mm, 15mm, 20mm, 25mm, 65mm & 80mm.

	TYPE	APPLICATIONS
	Du	Specifically engineered with high-grip surfaces to prevent equipment from slipping or shifting and provides a secure hold during operation ensuring stability, safety and vibration reduction.
	Du-10	High grip slim pads offers high lateral stability
	Du-12	High grip anti vibration pads with optimal thickness.
	Dm	Designed to provide unparalleled stability for precision machinery.
	Di	Engineered to absorb and dissipate vertical impacts. Reducing the force transmitted to the underlying surface or structure.
	Dp1	Designed to absorb and dampen external vibrations originating from sources such as machinery, traffic, or other environmental factors, slim design.
	Dp2	Designed to absorb and dampen external vibrations originating from sources such as machinery, traffic, or other environmental factors.

	TYPE	APPLICATIONS
	Dp3	Designed for measuring & testing machines to absorb and neutralize vibrations originating from external sources such as machinery, traffic, or environmental factors.
	Dp2-G-05	Designed to effectively isolate vibrations generated by the machine and those coming from external sources, ensuring optimal performance and stability. High grip with the concrete and exhibit low natural frequency - Suitable for small and medium presses , EDM wirecut machines etc.
	Ds1	Designed with low stiffness to effectively isolate vibrations, reducing their transmission to surrounding equipment or structures.
	Ds2	Designed to provide high-level vibration isolation, ensuring minimal transmission of vibrations to surrounding equipment or structures. Suitable for a diverse range of scenarios including vertical impacts and precision rotations, making it ideal for use with various precision machine tools, measuring & testing machines.
	Dhs1	Designed with durable composite materials to effectively absorb and dissipate impact and heavy vibrational shocks, protecting equipment and structures from damage.
	Dhs2	Low natural frequency, heavy duty anti vibration sheets designed to isolate impact shocks and vibrations.
	Dhs3	Designed to effectively absorb and dissipate impact and vibrational shocks, protecting equipment and structures from damage.
	Dhs4	Low natural frequency, heavy duty anti vibration sheets designed to isolate impact shocks and vibrations.
	Dhs5	Designed to effectively absorb and dissipate impact and vibrational shocks, protecting equipment and structures from damage.
	Dh	Offers exceptionally high stiffness maintain precise leveling accuracy for heavy duty long bedded precision machine tools.
	Dhs6-ML-15	Designed to take high shock and vibrations, this multilayered fabric reinforced anti-vibration sheets are strong and tough . Suitable for high impact generating machines and also used as a structural bearings.
	Du-10-NP	High grip slim pads offers high lateral stability, all weather vibration isolation pads for outdoor applications.
	Dhs6-ML-25	Designed to take high shock and vibrations, this multiayered fabric reinforced anti-vibration sheets are strong and tough. Suitable for high impact generating machines and also used as a structural bearings.

What Are Anti-Vibration Sheet?

Specialized elastomers made from high grade rubber compounds of Natural rubber, Nitrile, Neoprene and EPDM rubber engineered for their vibration damping properties. Mitigate noise from machinery, equipment, and structures. Designed to absorb and dampen vibrations, reducing noise and prevent damage to the structure.

How Do Anti-Vibration Sheets Work?

Provide a cushioning layer that absorbs kinetic vibrational energy. Minimize impact and noise transmission to the surroundings. Available in varying thicknesses and sizes suited to varied vibration frequencies & loads. Available in sizes 5/10m and width 1m and 1200mm.

Applications of Anti-Vibration Sheets

- Industrial machinery vibration/noise reduction.
- Air conditioner and HVAC equipment vibration dampening.
- Prevent vibration transmission in various applications of industrial machines.
- General Purpose Flooring.
- Bearing Pads, Shot Blasting Sheets.
- Suitable for all types of industrial machinery,
- HVAC, Building structure etc.
- Commercial high tensile applications like construction, transportation industry.

Key Benefits of Using Anti-Vibration Sheets

- Contribute to equipment longevity & performance by reducing vibration related wear and tear enhancing efficiency and life span.
- Enable more stable and quieter operation in different settings.
- Cater to various vibration control needs with diverse options.
- Premium quality, high-performance vibration damping material. Can be easily cut and drilled to fit specific requirements allowing for simple installations.
- Improves health and safety of workers by reducing vibrations and noise.

	TYPE	APPLICATIONS
	DNR	Designed to isolate vibrations for multiple industrial applications. The material of this sheet is natural rubber and available in the width of 1000mm and 1200mm. Available thickness from 1 mm to 25 mm
	DN	Designed to isolate vibrations for multiple industrial applications. The material of this sheet is Nitrile rubber and available in the width of 1000mm and 1200mm. Available thickness from 1 mm to 25 mm
	DCN	Designed to isolate vibrations for multiple industrial applications. The material of this sheet is Chloroprene rubber and available in the width of 1000mm and 1200mm. Available thickness from 1 mm to 25 mm
	DSI	Designed to isolate vibrations for multiple industrial applications. The material of this sheet is Silicon rubber and available in the width of 1000mm and 1200mm. Available thickness from 1 mm to 25 mm
	EPDM	Designed to isolate vibrations for multiple industrial applications. The material of this sheet is EPDM rubber and available in the width of 1000mm and 1200mm. Available thickness from 1 mm to 25 mm
	DE-12	A high-grade rubber compound, these sheets are designed to effectively isolate vibrations from HVAC and industrial machines. The ribbed profile enhances grip for added stability. The thickness is 12 mm.
	DE-25	A high-grade rubber compound, these sheets are designed to effectively isolate vibrations from HVAC and industrial machines. The ribbed profile enhances grip for added stability. The thickness is 25 mm.

Anti-Skid Plates: Enhanced Traction for Safety

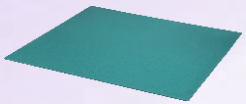
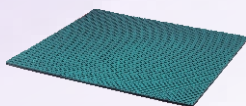
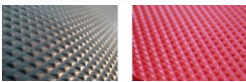
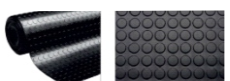

Anti-Skid plates are designed to provide enhanced traction and prevent slips and falls in high-risk areas. These plates are made of compounded elastomers and feature raised patterns or textures that offer slip resistance.

Anti-Skid Floorings : Optimal Grip Underfoot

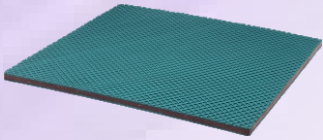
Anti-skid floorings refer to materials designed to offer increased grip and reduce the likelihood of slipping.

Benefits of Installing Anti-Skid Plates / Floorings

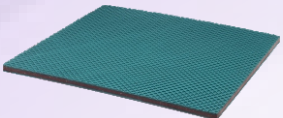
- Significantly reduce slip and fall accidents.
- Enhance traction and walking safety.
- Provide stability on inclined/declined surfaces.
- Suitable for high foot traffic areas.

	TYPE	APPLICATIONS
	Da1	Anti skid plate made from the synthetic rubber having a high coefficient of friction
	Da2	Anti skid plate made from the composite material provides high grip with the floor and the machine base.
	Fine Rib Mat- DFRB	Anti-Slip ribbed surface one side, ideally suited for loose lay applications for floors, walkways, runners, loading areas, work benches and general-purpose areas.
	Broad Rib Mat - DBR	Built for durability and the most demanding resilience flooring conditions with non-slip rib surface
	Diamond Design Mat - DDM	Continuous diamond field design for excellent traction for both indoor and outdoor purpose
	Diamond Checkered Mat- DCM	Diamond checkered mat is durable to withstand constant use and wear, best for entrance areas in high traffic locations.
	Coin Mat - DFM	Raised circular design on the surface is widely used in indoor application such as airports, hotels, shopping malls etc.
	Ameoba Mat - DAM	With anti-slip ribbed surface one side Ameoba Mat, Series DAM find usage in and around entrance ways, door lift doors, lift doors, stair, escalator aprons, ramps and more.
	Dynemecch Die Cushion Pads	Dampens vibrations and shocks generated when heavy dies are placed on tables, structures, etc.
	Dynemecch Insulating Discs	Prevents the transmission of vibrations from the machine body to the floor through the bolt

Dynemech insulation plates are made from the compound of Nitrile Rubber, Cork, Synthetic Fibre which at varying compositions gives different natural frequencies for providing vibration damping solution to almost every machine tool.

	TYPE	LOAD Kg./Sq.cm	Thickness (unloaded) mm.	Coefficient of friction.	Natural Frequency (Hz)	Size Max. (LxB)	Profile	Weight (kg)
	Du	3-9	15	0.9	35-18	500x500	Single	6.35

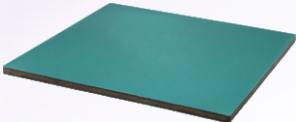
Application :- Tool Room Machines, Plastic Injection Moulding Machines, Pressure Die Casting Machines, Printing and Textile Machines (For Machines having high axial forces.)

	Du-10	3-12	10	0.9	45-24	500x500	Single	3.8
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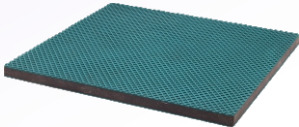
Application :- Tool Room Machines, Plastic Injection Moulding Machines, Pressure Die Casting Machines, Printing and Textile Machines (For Machines having high axial forces.)

	Du-12	3-10	12	0.9	45-22	500x500	Single	4.1
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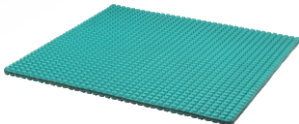
Application :- Tool Room Machines, Plastic Injection Moulding Machines, Pressure Die Casting Machines, Printing and Textile Machines (For Machines having high axial forces.)

	Dm	5-10	15	0.7	50-30	500x500	Both Side Plain	6.35
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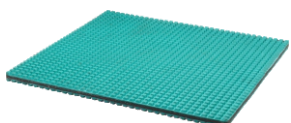
Application :- Lathe Machines, Milling Machines, Grinding Machines, Machining Centres, Turning Centres etc.

	Di	5-14	25	0.8	25-10	500x500	Single	9.75
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Application :- For machines with high vertical dynamic forces such as Power Presses, Punching Machines, Stamping Machines, Shearing Machines etc

	Dp1	1-4	15	0.8	20-7	600x600	Double	5.1
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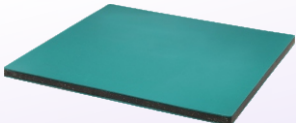
Application :- Tuned to low natural frequency, suitable for passive vibration control of Measuring & Testing Machines, Grinders etc

	Dp2	1-5	20	0.8	30-12	600x600	Double	7.35
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Application :- Suitable for passive vibration control of measuring & testing machines maintains machines stability along with vibration reduction.

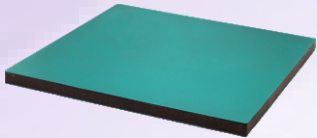
	Dp3	2-6	24	0.8	15-7	600x600	Double	9.5
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Application :- Tuned to low natural frequency, suitable for both active & passive vibration isolation of metrology and production machines.

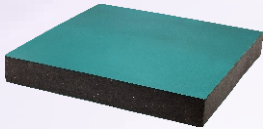
	Ds1	2-5	20	0.8	35-15	500x500	Both Side Plain	7.3
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Application :- Light Weight Presses, Tool Room Machines, Compressors etc. on Ground Floor as well as Upper Floors.

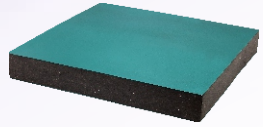
Dynemecch insulation plates are made from the compound of Nitrile Rubber, Cork, Synthetic Fibre which at varying compositions gives different natural frequencies for providing vibration damping solution to almost every machine tool.

	TYPE	LOAD Kg./Sq.cm	Thickness (unloaded) mm.	Coefficient of friction.	Natural Frequency (Hz)	Size Max. (LxB)	Profile	Weight (kg)
	Ds2	2-8	25	0.8	35-8	500x500	Both Side Plain	9.1

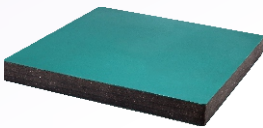
Application:- High Vibration Insulation for both active and passive range, Medium Presses, Stamping Machines, also well suited for high speed rotating machines on upper floors.

	Dhs1	5-20	65	0.8	12-06	500x500	Both Side Plain	24.3
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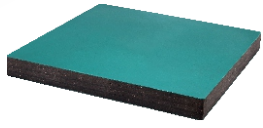
Application:- Forging Hammers, Heavy Gen Sets, Heavy Industrial Machines, Test Rigs, Heavy Presses etc.

	Dhs2	2-8	65	0.8	8-4	500x500	Both Side Plain	22.5
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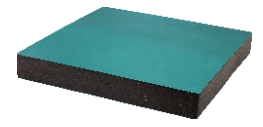
Application:- Forging Hammers, Heavy Gen Sets, Heavy Industrial Machines, Test Rigs, Heavy Presses, Crushers etc.

	Dhs3	4-28	50	0.8	15-7	500x500	Both Side Plain	18.5
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Application:- Forging Hammers, Heavy Gen Sets, Heavy Industrial Machines, Test Rigs, Heavy Presses etc

	Dhs4	3-12	50	0.8	8-5	500x500	Both Side Plain	19.7
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Application:- Forging Hammers, Heavy Gen Sets, Heavy Industrial Machines, Test Rigs, Heavy Presses, Crushers etc.

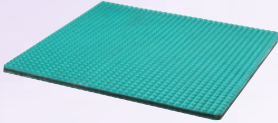
	Dhs5	4-28	80	0.8	12-5	500x500	Both Side Plain	28.0
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Application:- Forging Hammers, Heavy Gen Sets, Heavy Industrial Machines, Test Rigs, Heavy Presses etc

	Dh	10-35	15	0.6	70-45	500x500	Both Side Plain	4.3
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Application:- Very Heavy and Long Bed Machines, Long Machining centres, Planners etc.

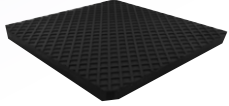
Dynemech insulation plates are made from the compound of Nitrile Rubber, Cork, Synthetic Fibre which at varying compositions gives different natural frequencies for providing vibration damping solution to almost every machine tool.

	TYPE	LOAD Kg./Sq.cm	Thickness (unloaded) mm.	Coefficient of friction.	Natural Frequency (Hz)	Size Max. (LxB)	Profile	Weight (kg)
	Dp2-G-05	1-7	20	0.95	12-30	600x600	Double	7.50

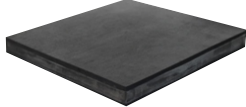
Application : Anti Vibration Insulation Plate used for vibration isolation in both active and passive range - high grip with the concrete and exhibit low natural frequency - suitable for small and medium presses EDM wirecut machines etc.

	Dhs6-ML-15	527	15	0.7	15-20	500x500	Plain	4.9
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Application :- Dynestarke Shock & Vibration Isolation Pads - HVAC equipments, Gensets, Air handling units, Transformers, Compressors, Pumps, Chillers, Shop floor machinery, Buildings etc.

	Du-10-NP	03-10	10	0.9	18-35	500x500	Single	3.1
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Application :- Rituresilire all weather, climate resistant vibration insulation plate- HVAC equipments, Gensets, AHU's, Transformers, Concrete bases, Compressors, Pumps, Chillers.

	Dhs6-ML-25	527	25	0.7	15-20	500x500	Plain	8.2
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Application :- Forging Hammers, Heavy Gensets, Heavy Industrial Machines, Test Rigs, Heavy Presses, Buildings etc.

Dynemech Natural Elastomeric Compound Anti Vibration Sheets: Superior Shock and Noise Isolation : Series DNR

Dynemech's Natural High Grade Elastomeric Compound anti-vibration sheets provide a definitive solution for isolating shock, Vibrations, and structure-borne noise in diverse industrial applications. Natural Elastomeric Compound Anti Vibration sheets provide exceptional resilience and elasticity, rendering them very suitable for mitigating vibrations and safeguarding the durability of machinery.

Natural Elastomeric Compound :

Excellent mechanical properties, low compression set, and high resilience. Outstanding dynamic and rebound properties. Operating temperature range from -50°C to +90°C. Available in a wide range of hardness from 30° to 80° Shore A.

Good resistance to acids, Alkalies, and salts, but not recommended for use in areas with exposure to oils and hydrocarbons. Outstanding resistance to cut, tear, and abrasion.

Why Natural Elastomeric Compound are ideal for Vibration Damping

Viscoelastic properties allow efficient absorption and dissipation of energy. High shear modulus enables quick damping of vibration energy.

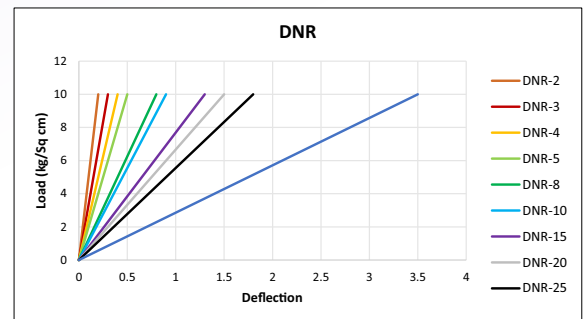
Compatible with other vibration damping materials for enhanced effectiveness. Microstructural defects like dislocations and phase boundaries contribute to damping capacity. Damping performance is influenced by loading frequency and temperature.

Key Benefits of Dynemech natural elastomeric compound anti vibration sheets :

- Excellent resilience and elasticity, allowing the sheets to withstand repetitive shocks without losing structural integrity.
- High Vibration isolation, resulting in significant noise reduction.
- Sustainable and effective solution for managing vibrations in diverse industrial settings.
- Enhances equipment performance and ensures the safety and longevity of machinery.
- Ensures personnel health and a more conducive and safer working environment.
- Cost effective solutions.

Applications :

- Industrial machines
- HVAC systems.
- Construction equipment.
- Transportation Vehicles.
- Shot blasting sheets.
- Industrial & Commercial Applications.



DNR Anti Vibration Sheet

Code	Thickness	Specific Gravity	Hardness (+/-5)	Tensile Strength	Elongation at break	Abrasion	Temperature Range	Coefficient of Friction	Colour
	(mm)	(gm/cm ³)	(Shore A)	(min) Kg/cm ²	(min)%	mm ³ 10 N	°C		
DNR-2	2	1.5	70	35	250	450	-30 to +70	0.8	Black
DNR-3	3	1.5	70	35	250	450	-30 to +70	0.8	Black
DNR-4	4	1.5	70	35	250	450	-30 to +70	0.8	Black
DNR-5	5	1.5	70	35	250	450	-30 to +70	0.8	Black
DNR-8	8	1.5	70	35	250	450	-30 to +70	0.8	Black
DNR-10	10	1.5	70	35	250	450	-30 to +70	0.8	Black
DNR-15	15	1.5	70	35	250	450	-30 to +70	0.8	Black
DNR-20	20	1.5	70	35	250	450	-30 to +70	0.8	Black
DNR-25	25	1.5	70	35	250	450	-30 to +70	0.8	Black
DNR-50	50	1.5	70	35	250	450	-30 to +70	0.8	Black
Standard Length Standard Width		10 Mtr 1.2Mtr	Note 1. One side or both side smooth or fabric finish can be supplied. 2. Specifications are subject to change without notice.						

Nitrile Anti Vibration Sheets : Unbeatable Oil & Chemical Resistance : Series DN

Nitrile Anti Vibration Sheets are renowned for its exceptional resistance to oils and robust mechanical properties. It exhibits good general resistance to oil along with impressive tensile strength, flexibility, compression set, impermeability to gases.

- Moderate aging properties and good metal adhesion ensures secure integration within anti vibration system.
- Recommended operating temperature rang -30°C to +120°C.
- Excellent resistance to inorganic chemical products.
- Satisfactory resistance against general hydrocarbons.

These properties make it Ideal for anti-vibration pads in varied industrial applications.

Limitations :

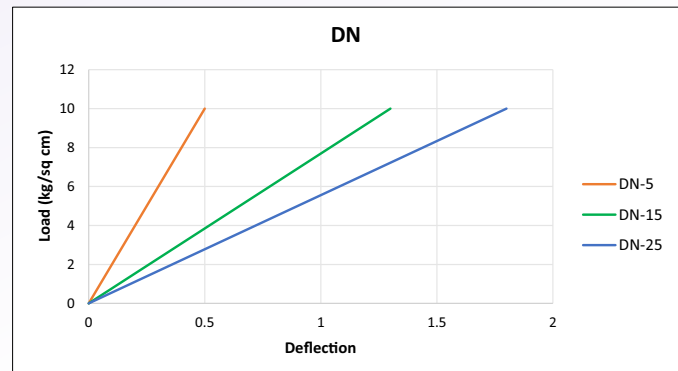
- Not recommended for exposure to antioxidants and chlorine.
- Avoid with polar liquids like ketones, ethers and amines.

Key Advantages :

- Outstanding oil, gas fuel resistance.
- High Mechanical strength and flexibility.
- Moderate weather, ozone, and aging resistance.

Popular DN Anti Vibration Sheet Applications

- Oil & Gas Industry.
- Automotive Applications. Industrial Protective coatings.
- In food processing and health industries.
- In electrical installations and equipment like transformers where transformer oil may be involved.



DN Anti Vibration Sheet

Code	Thickness	Specific Gravity	Hardness (+/-5)	Tensile Strength	Elongation at break	Compression Set at 70°C for 22 Hrs	Change in Volume at ASTM Oil No 3 70°C/72 Hrs	Temperature Range °C	Coefficient of Friction	Colour
	(mm)	(gm/cm ³)	(Shore A)	(min) Kg/cm ²	(min)%	(%)	(%)			
DN-5	5	1.48	65	70	200	35	10	-30 to +120	0.8	Black
DN-15	15	1.48	86	570	200	35	10	-30 to +120	0.8	Black
DN-25	25	1.48	86	570	200	35	10	-30 to +120	0.8	Black
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.							

Chloroprene / Neoprene Anti Vibration Sheets : The Versatile and High-Performance Elastomer : Series DCN

DCN Anti Vibration Sheets, Neoprene, a synthetic rubber offer a wide range of exceptional properties, making it an ideal choice for various vibration damping applications across industries.

Key Features of DCN Anti Vibration Sheets :

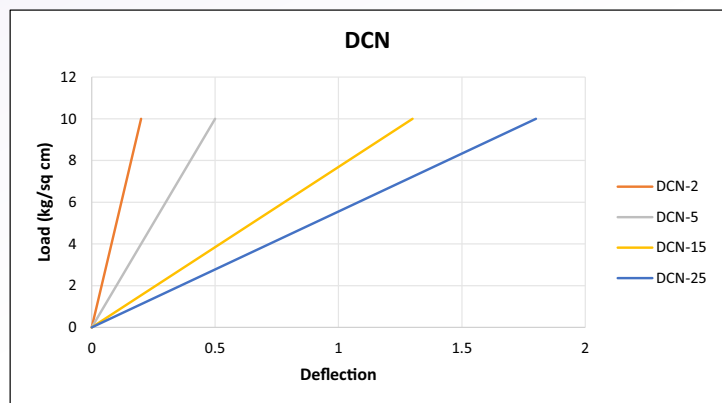
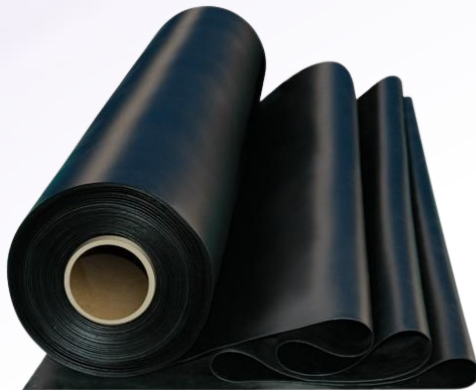
Excellent mechanical properties and good abrasion resistance, even without reinforcing fillers. Reasonable resilience in grades over 60° Shore A. Outstanding resistance to heat, ozone, and weathering. Strong adhesion to metal surfaces. Wide operating temperature range : -40°C to +125°C. Good resistance to organic hydrocarbons.

Key Properties for anti-vibration applications :

- Damping characteristics : Absorbs and dissipates vibration energy.
- High resilience and elasticity: With stands repeated flexing and twisting.
- Temperature resistance : Maintains properties from -30°C to +120°C.
- Oil and chemical resistance : Suitable for industrial settings with petroleum-based substances.
- UV resistance : Durable in outdoor or exposed applications.
- Good adhesion to metal surfaces : Ideal for lining in metal assemblies.

Applications of DCN Anti Vibration Sheets :

- Automotive components.
- Industrial Seals, washers, etc.
- Construction and Industrial Equipment Bases.
- Vibration isolation and damping of mechanical equipments.
- Load Matting.



DCN Anti Vibration Sheet

Code	Thickness	Specific Gravity	Hardness (+/-5)	Tensile Strength	Elongation at break	Compression Set at 70° C for 22 Hrs (%)	Temp. Range	Coefficient of Friction	Oil Swell in ASTM Oil 903	Colour
	(mm)	(gm/cm ³)	(Shore A)	(min) Kg/cm ²	(min)%		°C			
DCN-2	2	1.45	60	40	250	45	-35 to +80	0.8	90%	Black
DCN-5	5	1.45	60	40	250	45	-35 to +80	0.8	90%	Black
DCN-15	15	1.45	60	40	250	45	-35 to +80	0.8	90%	Black
DCN-25	25	1.45	60	40	250	45	-35 to +80	0.8	90%	Black
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.							

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

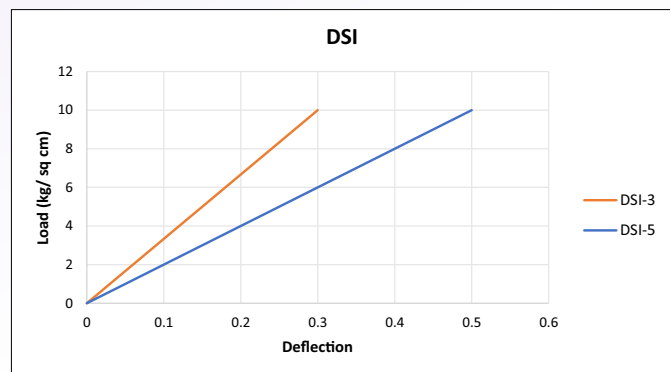
Excellent heat resistance up to +200°C in dry air conditions. Retains flexibility at low temperatures down to -70°C. Resistant to UV light ozone, weathering and aging.

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.						

DEPDM Anti Vibration Sheet : A Versatile Solution for Outdoor Applications : Series DEPDM

DEPDM is a synthetic rubber material that offers exceptional performance in a wide range of temperatures and environmental conditions. Its outstanding properties make it the ideal choice for outdoor applications where durability, resistance, low maintenance and longevity are paramount.

Key Features of DEPDM :

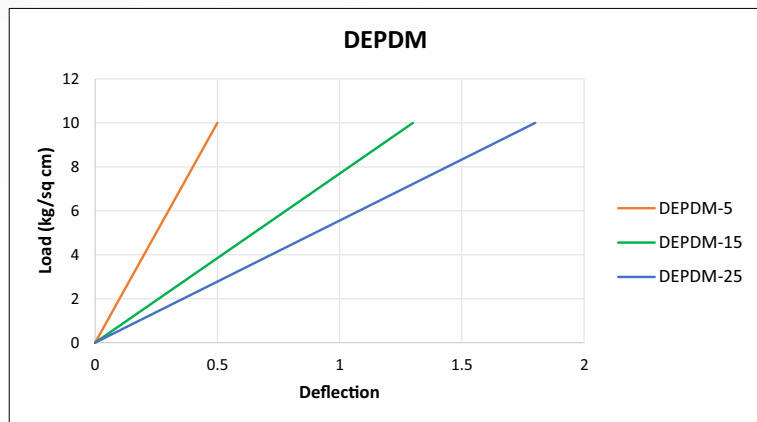
- Excellent operating temperature range: -45°C to +120°C.
- Highly resistant to oxidation UV Rays and ozone, making it perfect for outdoor use.
- Good resistance to many chemicals and solvent.
- Shows good resistance to many corrosive chemicals.

Why DEPDM Rubber Sheets are the Ultimate Choice for Vibration Damping?

- High damping coefficient: EPDM absorbs and dissipates energy efficiently.
- Flexibility and elasticity: Maintains its vibrations-absorbing powers across a wide temperature range.
- Thermal Stability : Keeps its damping performance even when temperatures fluctuate.
- Weathering resistance : Highly resistant to UV radiation, ozone and extreme weather conditions EPDM maintains its integrity and damping capabilities over time.
- EPDM doesnot have good oil resistance or adhesion properties

Applications of DEPDM :

- Outdoor HVAC applications
- Construction machinery.
- Seals, washers gaskets in fans and motors.
- Isolation bearings against seismic isolation.
- Automotive parts.



DEPDM 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/cm ³)	(Shore A)	(min) Kg/cm ²	(min)%	(%)	°C		
DEPDM-5	5	1.25	65	80	300	30	-30 to +120	0.8	Black
DEPDM-15	15	1.25	65	80	300	30	-30 to +120	0.8	Black
DEPDM-25	25	1.25	65	80	300	30	-30 to +120	0.8	Black
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.						

High Grade , Ribbed Anti Vibration Sheet , Series DE

Dynemech's DE Series Anti Vibration Sheets are engineered to effectively absorb and isolate vibrations and shocks encountered by industrial machinery. These specialized elastomeric sheets offer a multitude of benefits for the maintenance and protection of industrial equipment machinery & prevent transmission of disruptive vibrations to surrounding structures.

Versatile and Effective

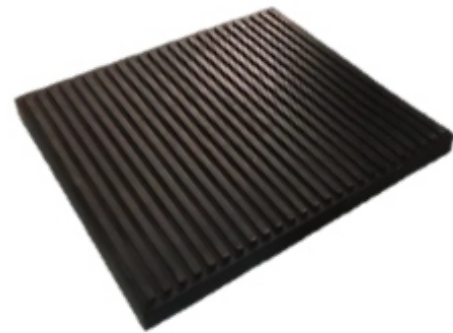
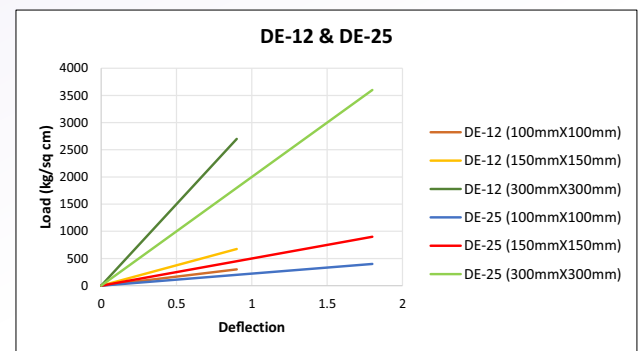
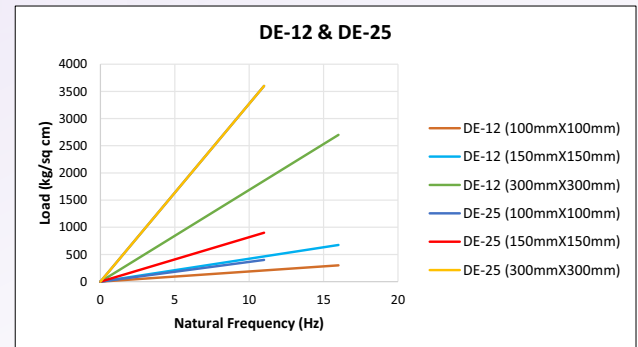
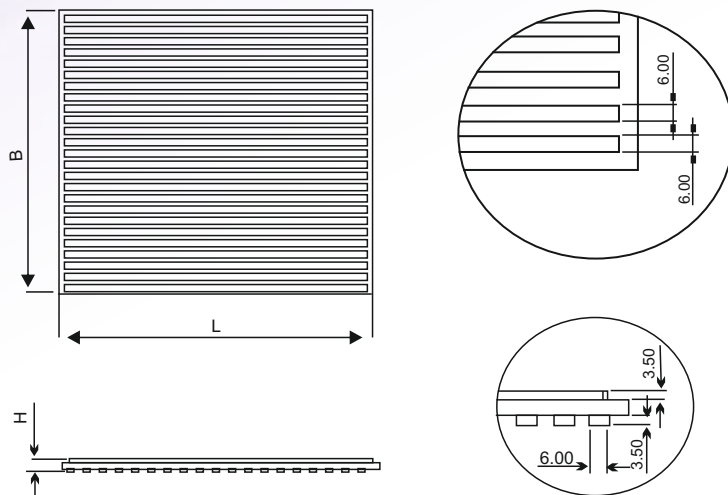
- Versatile usage across diverse machinery and equipment types.
- Significantly extend equipment lifespan through effective vibration damping.
- Cost effective.
- Engineered for lasting durability and reliable vibration isolation.

Key Benefits of Using DE Series Anti-Vibration Sheets

- Protect floors, personnel and machines from harmful vibrations.
- Reduce noise levels by absorbing vibration-induced structure borne noise.
- Safeguard equipment/machinery against shock forces and impacts.
- Preserve structural integrity of equipments over continues operation.
- Prevents "machine-walking"
- By isolating vibrations, reducing noise, and guarding against shock and impact vibrations, they play a pivotal role in maintaining a safe and efficient industrial environment.

Wide- Ranging Applications - Industrial and commercial

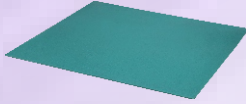
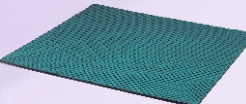
- Pumps, engines, and exhaust systems.
- Air conditioners, compressors & HVAC Equipments.
- Conveyors.
- Diesel Generators.
- Fans.



DE Anti Vibration Sheet

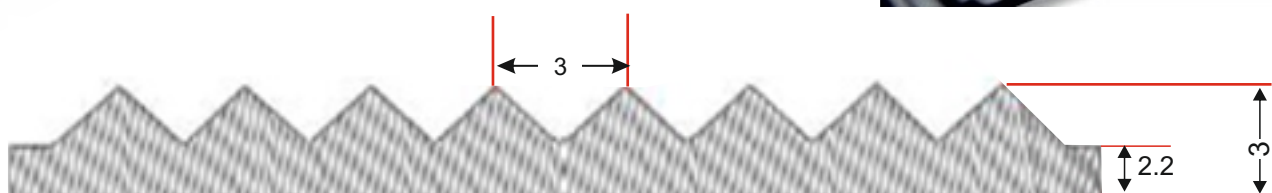
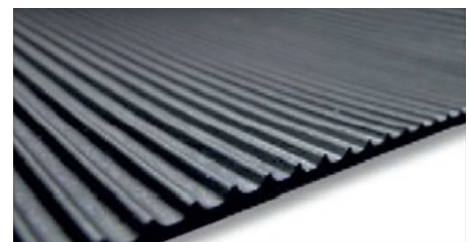
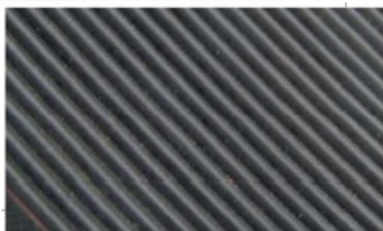
S. No	Model	Load Capacity (Kg)	Length L (mm)	Width B (mm)	Thickness H (mm)	Natural Frequency (Hz)	Coefficient of Friction
1	DE-12	300	100	100	12	10	0.8
2	DE-12	675	150	150	12	10	0.8
3	DE-12	2700	300	300	12	10	0.8
4	DE-25	400	100	100	25	7	0.8
5	DE-25	900	150	150	25	7	0.8
6	DE-25	3600	300	300	25	7	0.8

Dynemech insulation plates are made from the compound of Nitrile Rubber, Cork, Synthetic Fibre which at varying compositions gives different natural frequencies for providing vibration damping solution to almost every machine tool.

	TYPE	LOAD Kg./Sq.cm	Thickness (unloaded) mm.	Coefficient of friction.	Natural Frequency (Hz)	Size Max. (LxB)	Profile	Weight (kg)
	Da1	2-18	2	0.8	70-30	500x500	Both Side Plain	2.0
	Da2	2-10	8	0.8	45-21	500x500	Single	2.750

ANTI SKID FLOORINGS FINE RIB MAT-DFRB

The Fine Rib Mat has an anti-slip ribbed surface one side and a fine cloth impression pattern on the reverse. It is ideally suited for loose lay applications for floors, walkways, runners, loading areas, work benches and general-purpose areas. Solves slip hazards quickly in and around aprons, ramps and more. It can be glued directly over existing flooring in most cases or installed as a new floor. The rubber flutes act as a scraper to trap debris, dirt and provide grid at the same time. These mats are easily cleaned by reverse rolling.



STANDARD DIMENSIONS

MAXIMUM WIDTH : 1.5 m

LENGTH : 10m, 15m, 20m

COLORS

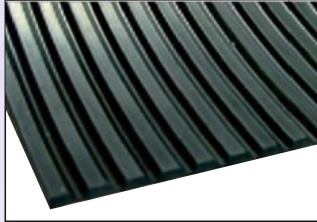


Fine Rib Mat - DFRB

Code	Thickness	Specific Gravity	Hardness	Tensile Strength	Elongation at break	Tear Strength	Application	Polymer
	(mm)	(gm/cm ²)	(Shore A)	Kg/cm ² (min) %	%	(Kg/cm)		
DFRB	3	1.5	70+/-5	35	250	18	General purpose	NR/SBR

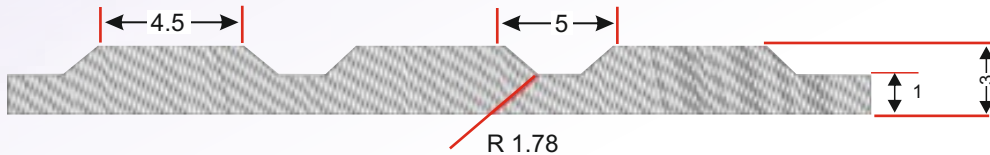
This Broad Rib Mat is built for durability. This proves to be the perfect choice for most demanding resilience flooring conditions. The mats have a hardwearing and non-slip rib surface. They are ideal for use in walkways & minimize sound transmission

BROAD RIB MAT, Series : DBR



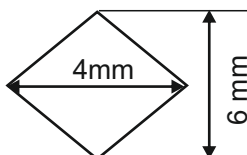
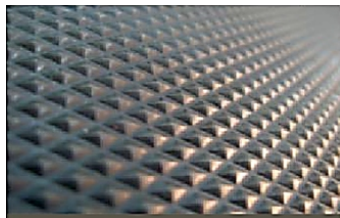
DBR Broad Rib Mat

Code	Thickness	Specific Gravity	Hardness	Tensile Strength	Elongation at break	Tear Strength	Application	Polymer
	(mm)	(gm/cm ³)	(Shore A)	Kg/cm ² (min) %	%	(Kg/cm)		
DBR	3	1.5	70+/-5	35	250	18	General purpose	NR/SBR



DIAMOND DESIGN MAT - DDM

The flooring with continuous diamond field design is for excellent traction and easy cleaning. Non-staining, non-discoloring mat is used for both indoor and outdoor purpose. Diamond design is ideal for ramps, trailers, golf club, bridge aprons, marine areas, building access points, wheeled vehicles, trolleys, etc. Being fully weather proof it can be used either indoors or outdoors. Diamond design matting is manufactured from top quality rubber compounds giving high non-tear qualities, offering exceptional wear and grip characteristics and surefootness.



DDM Diamond Design Mat

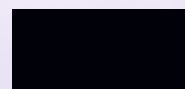
Code	Thickness	Specific Gravity	Hardness	Tensile Strength	Elongation at break	Tear Strength	Application	Polymer
	(mm)	(gm/cm ³)	(Shore A)	Kg/cm ² (min) %	%	(Kg/cm)		
DDM	3	1.5	70+/-5	35	250	18	General purpose	NR/SBR

STANDARD DIMENSIONS

MAXIMUM WIDTH : 1.5 m

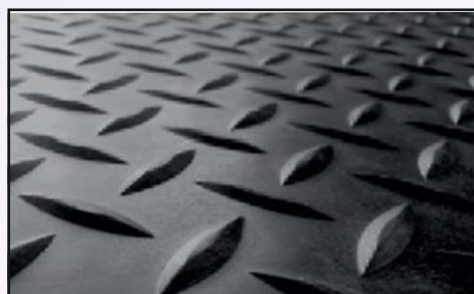
LENGTH : 10m, 15m, 20m

COLORS



The Diamond Checkered Mat provides remarkable insulation qualities and its durable to withstand constant use and wear. This mat with diamond checkered plate finish can be easily cleaned. It provides excellent protection to the floor and proves to be the best option for entrance areas in high traffic locations. This mat is useful for indoor as well as outdoor applications. The diamond checkered mats are available in various compounds depending upon its intended use.

DIAMOND CHECKERED MAT, DCM

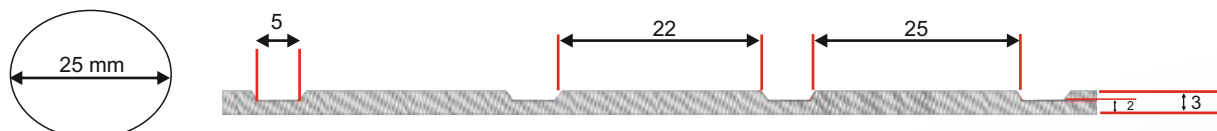


DCM Diamond Checkered Mat

Code	Thickness	Specific Gravity	Hardness	Tensile Strength	Elongation at break	Tear Strength	Application	Polymer
	(mm)	(gm/cm ²)	(Shore A)	Kg/cm ² (min) %	%	(Kg/cm)		
DCM	3	1.5	70+/-5	35	250	18	General purpose	NR/SBR

COIN MAT - DFM

The Coin Mat DFM Flooring mat with a raised circular design on the surface is widely used in indoor application such as airports, hotels, shopping malls etc. Available in a wide variety of colours. Mats are available in various compounds depending on their indented use.



DFM Coin Mat

Code	Thickness	Specific Gravity	Hardness	Tensile Strength	Elongation at break	Tear Strength	Application	Polymer
	(mm)	(gm/cm ²)	(Shore A)	Kg/cm ² (min) %	%	(Kg/cm)		
DFM	3	1.6	80+/-5	35	250	18	General purpose	NR/SBR

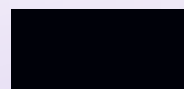
Available in a wide variety of colours

STANDARD DIMENSIONS

MAXIMUM WIDTH : 1.5 m

LENGTH : 10m, 15m, 20m

COLORS



AMEOBA MAT - DAM

The Ameoba Mat has an anti-slip ribbed surface one side and a flat cloth impression pattern on the reverse. The multipurpose ameoba mat is widely use in and around entrance ways, door lift doors, lift doors, stair, escalator aprons, ramps and more. The ameoba mat castellated rubber matting flutes act as a scraper to trap dirt and debris. Anti Skid property makes it ideal to use indoor as well as outdoor and creates sustainable environment.

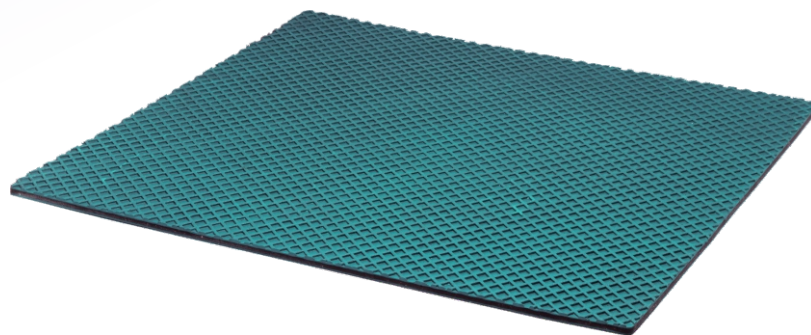


DAM Ameoba Mat

Code	Thickness	Specific Gravity	Hardness	Tensile Strength	Elongation at break	Tear Strength	Application	Polymer
	(mm)	(gm/cm ²)	(Shore A)	Kg/cm ² (min) %	%	(Kg/cm)		
DAM	3	1.5	70+/-5	35	250	18	General purpose	NR/SBR

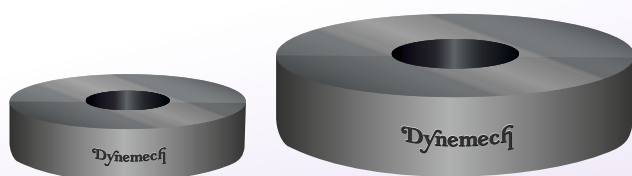
DYNEMECH DIE CUSHION PADS

DYNEMECH offers die cushion pads for handling Plastic Injection Moulding, Pressure Die Casting And Power Press Dies. This high strength pad is available as per customer requirement, the maximum size being 500x500x25mm. Usage of these pads prevent damage to the die or the floor. These sheets can be anchored to the ground also with the help of heavy duty anchor nuts.

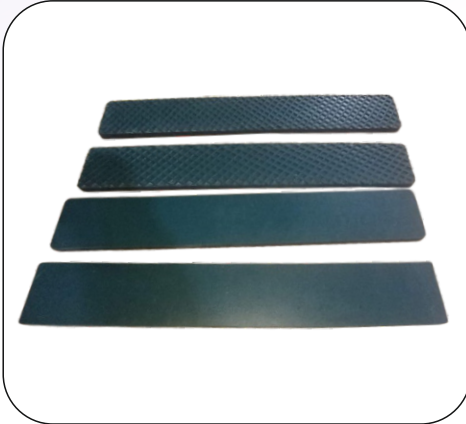
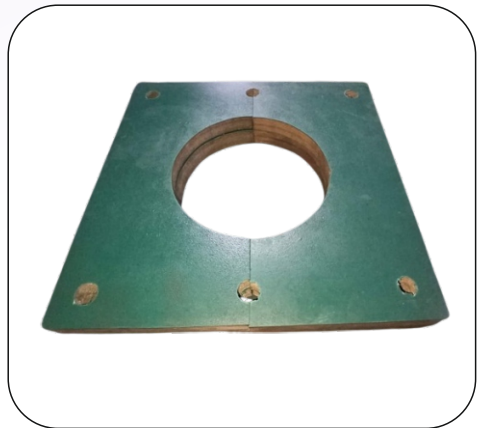
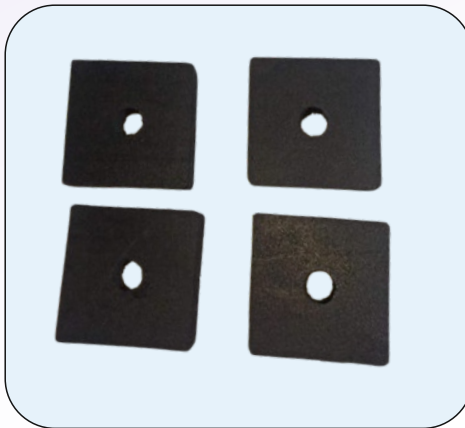
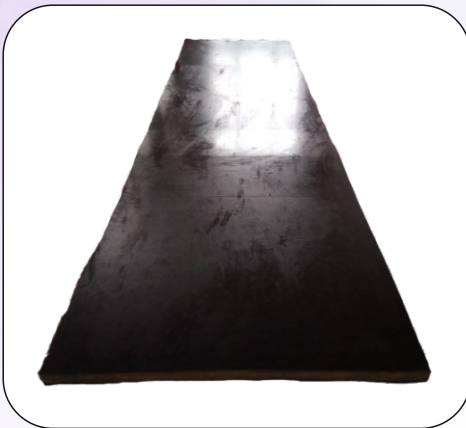
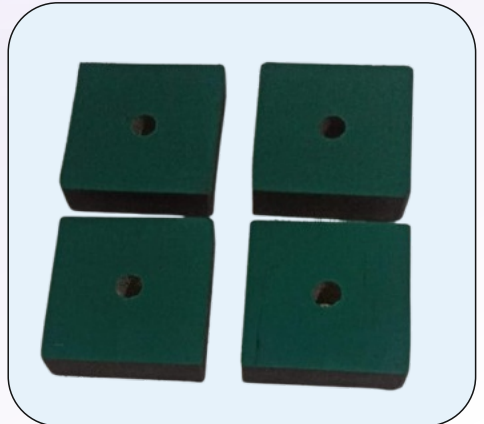
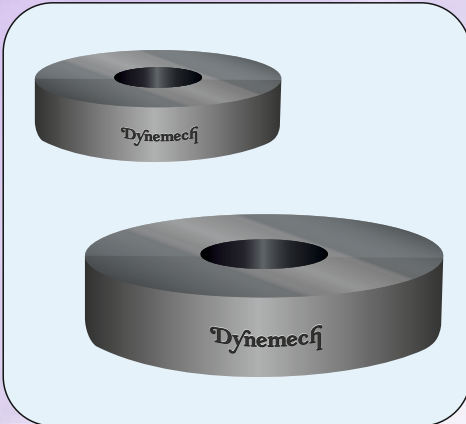


DYNEMECH INSULATING DISCS FOR ANCHORING APPLICATIONS

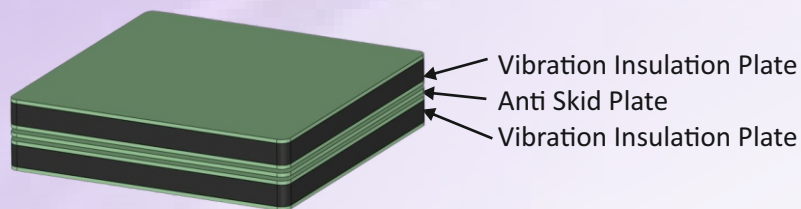
Dynemecf insulating Discs can be used along with Dynemecf Vibration Isolation Solutions in a wide range of industrial applications, including : injection moulding machines, mechanical presses, die-casting machines , turret punching machines, printing and packaging machinery, test & measurement equipments, HVAC applications like gensets, pumps, compressors, chillers etc.



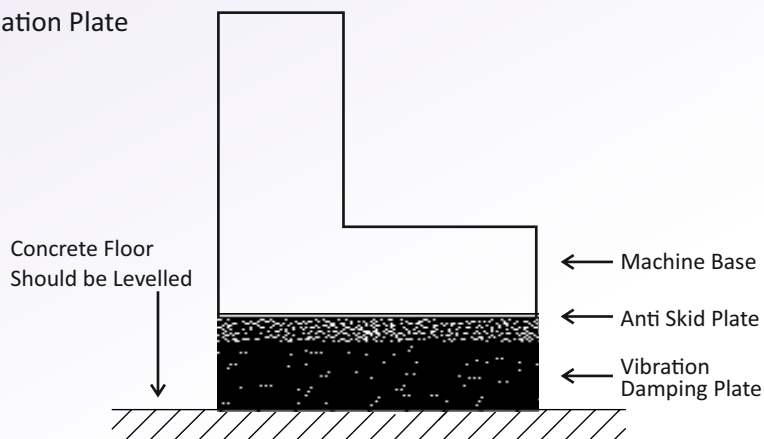
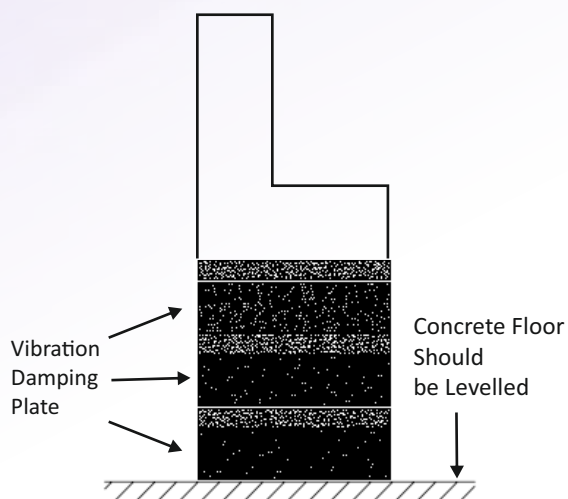
BOLT SIZE	OD Ø	ID Ø	THICKNESS (mm)
M16	40	17	25
M20	52	21	25
M30	75	31	25



Free-standing Installation



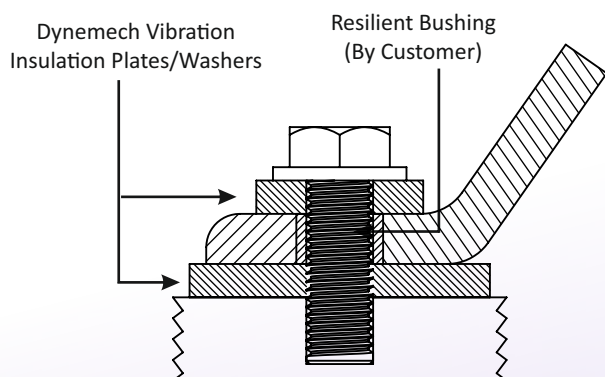
Stacked Vibration Insulation Plates



Vibration Insulation Plates can be stacked under the machine foot to obtain lower natural frequency and higher vibration damping. The addition of each layer reduces the natural frequency by $1/\sqrt{2}$.

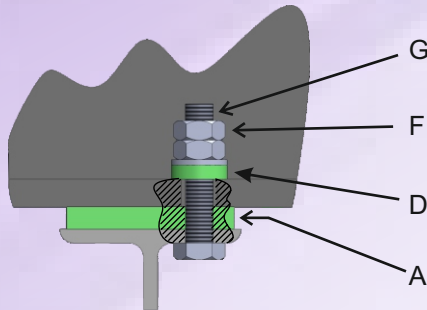
Higher Vibration Isolation and Increased Levelling is essential in Grinding machines, Lathes, Low Capacity Power Press.

Installation Configurations



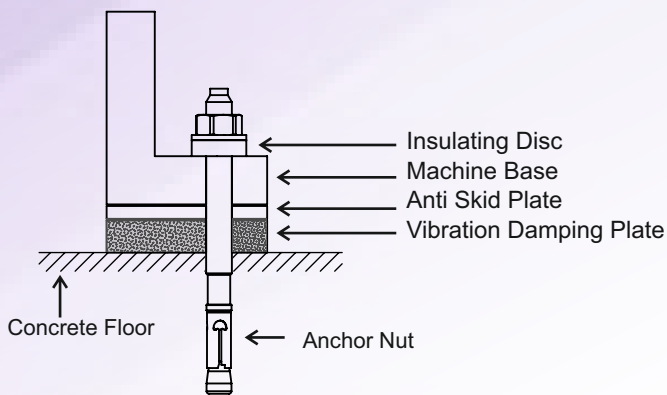
Bolt Down Arrangement:- Dynemech Vibration Isolation plates /washers completely separate the machine foot from any contact with the mounting structure or anchor bolt. Resilient bushings made of elastomeric tubing can be utilized to isolate the anchor bolt. eg. electric motors, buffing machines.

INSTALLATION CONFIGURATIONS



BOLT FIXING ARRANGEMENT FOR STEEL STRUCTURE : Dynemech Vibration isolation Plates stopping vibration transmission eg. Process Equipments, HVAC Equipments, marine or shipping equipments etc.

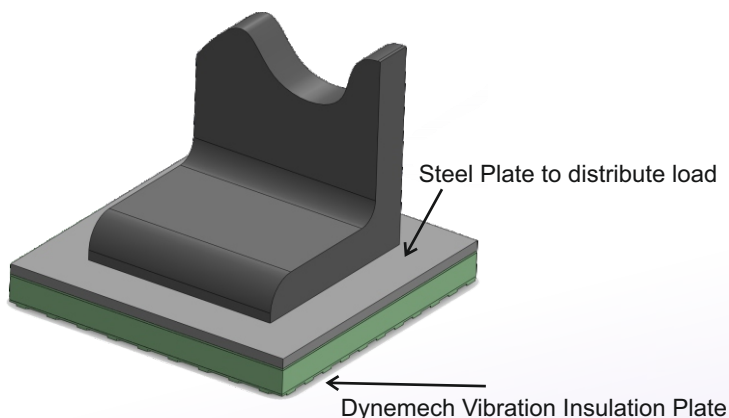
A is Vibration Insulation Plate
D is Insulating Disc
F is Nut
G is Bolt



ANCHORING - BOLT INSTALLATION : some cases it is required to anchor the machine foot with concrete floor. Single layer or stacks of insulation plates and anti skid plates can be placed under the machine foot for vibration damping. Insulation disc is placed under the bolt head to prevent vibration being transmitted through the bolt to the floor. e.g Power presses, Tool room machines, or any top heavy or tall machines requiring better stability or having high dynamic loadings.

Steel Plate - Vibration Insulation Plates Arrangements : Various

Load Distributing Steel Plate - For use when machine leg is smaller then the area of the insulation plate required



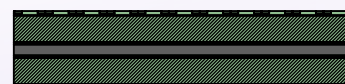
Steel Vibration Plate -
Vibration Insulation Plates Arrangements Available



Steel Plate bonded / pasted
with
Dynemech Vibration Insulation plate

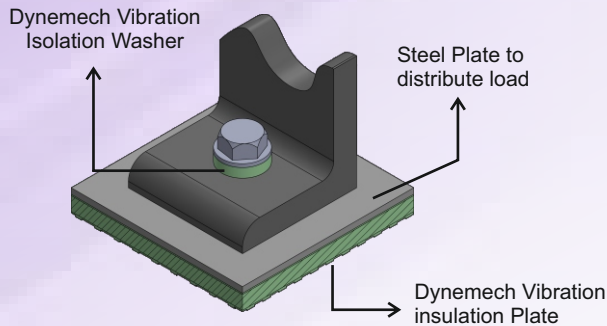


Steel Plate bonded / pasted
with Dynemech Vibration Insulation
plate in bottom and anti skid on top

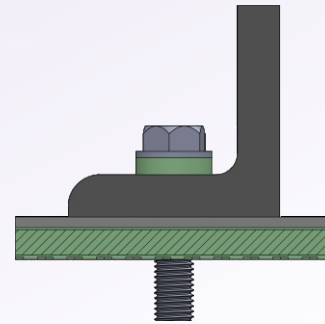
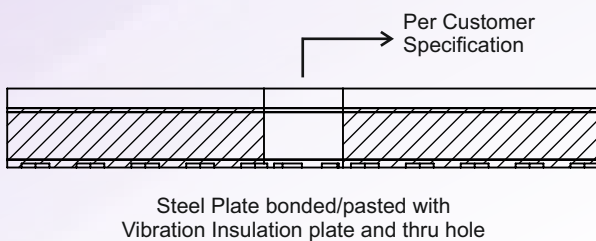


Steel Plate bonded / pasted
with multiple
Dynemech Vibration Insulation plate

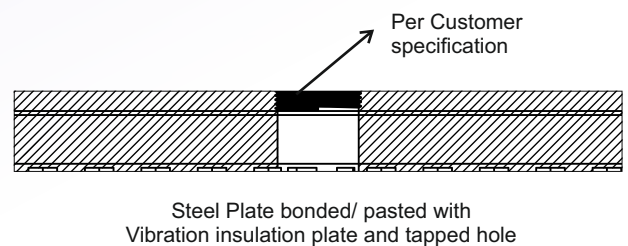
Load Distributing Steel Plate - Bolt down arrangement in machines with static/dynamic loads- Bolt with insulation plate and free hole in centre is provided



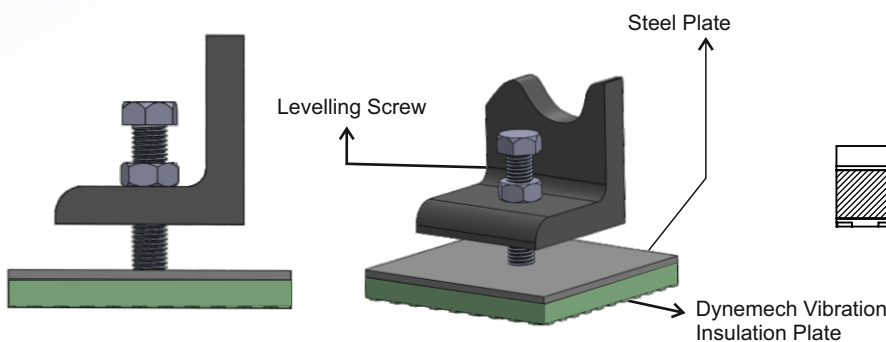
Steel Plate-Vibration Insulation Plates arrangement available



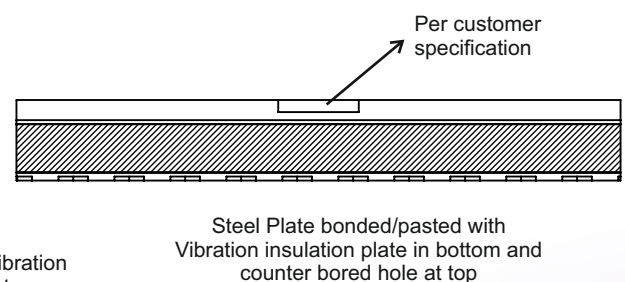
If bolting is preferred - Vibration Insulation Plate is furnished with an insulating disc and a hole in the centre of the insulation plate. Hole size and location can be customised as per customer requirement.



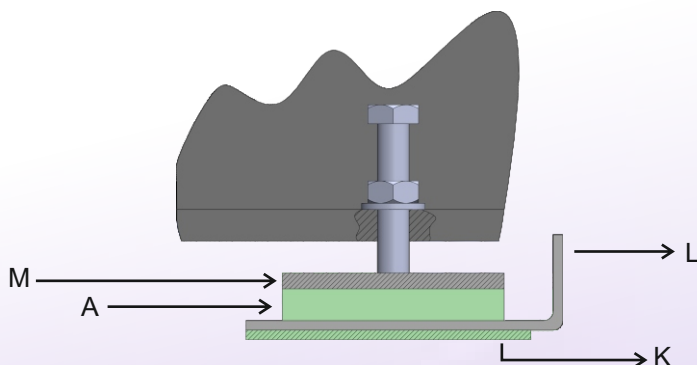
Load Distributing Steel Plate-Counter Bored Plate arrangement in machines with jack screws. Has an extra thick steel plate and centre counter bored hole to prevent shifting of machine levelling bolt and assist built-in levelling screw of the machine



Steel Plate- Vibration Insulation Plate arrange available



Vibration Anti Skid Plates Under Drip Trays Vibration damping pads under Steel Plates in the drip tray. e.g. General Machine tools or workshop requiring cleaning protocol.



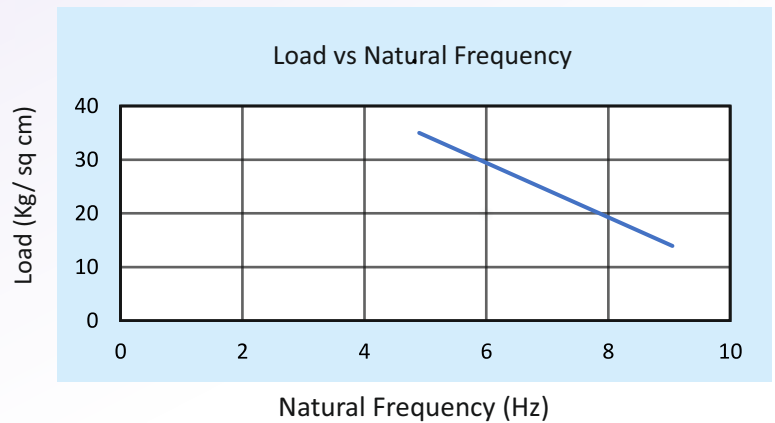
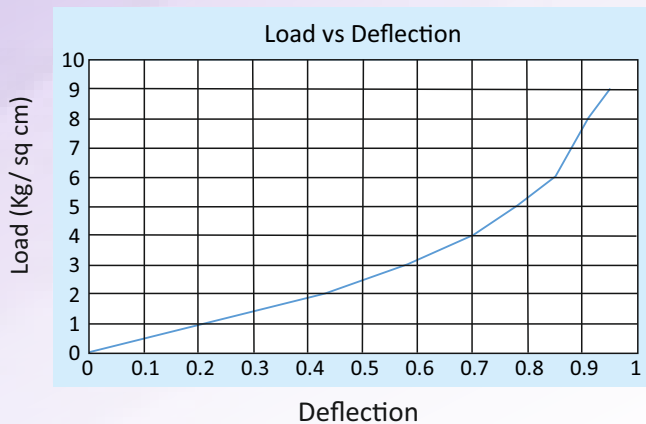
A is Vibration Insulation Plate
M is Steel Plate
L is Drip Tray
K is Vibration insulation Plate or Anti Skid Plate

Article Information :

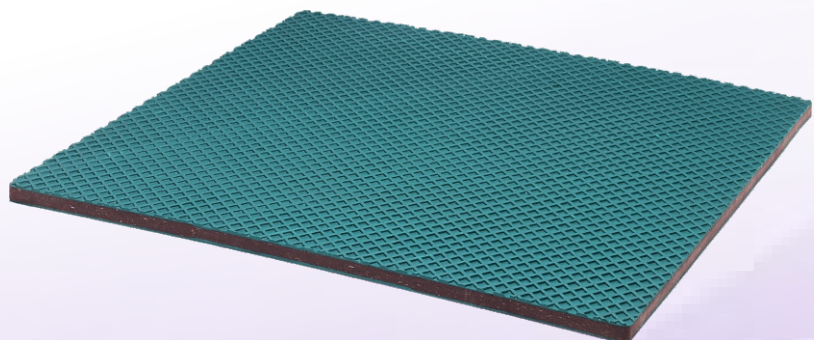
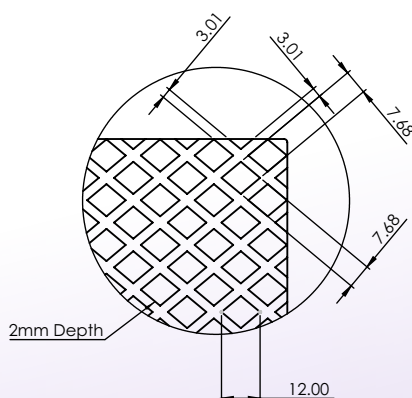
Dynemech Anti-Vibration Du Insulation Sheet is made from high grade synthetic composite material. This sheet is resistant to water, oils, lubricating oils, fuels etc. used in the shop floor. This sheet has defined stress value and can be placed directly under the machine as per the weight of the machine and no. of mounting positions. This plates will not deform plastically, if the weight of machine does not exceed maximum load value of this Insulation plate.

Applications:

Tool room machine, plastic injection moulding machines, pressure die casting machines, printing and textile machine (For Machine having high axial forces).



Technical Data	Natural Frequency (Hz)
Load (Kg/ sq cm)	03-09
Natural Frequency (Hz)	18-35
Thickness (mm)	15
Coeff. of Friction	0.9
Shore A Hardness	90-92
Working Temp Range °C	-20 to +70
UTM compression	ASTM D575
Oil & Chemical Resistance	Resistant to fuels, lubricating oils, water etc. used in the shop floor
Construction	Composite material made from Nitrile Rubber, Cork Particles & polyster Fiber The composite material ensures high damping capacity, High compressive strength & high load capacities

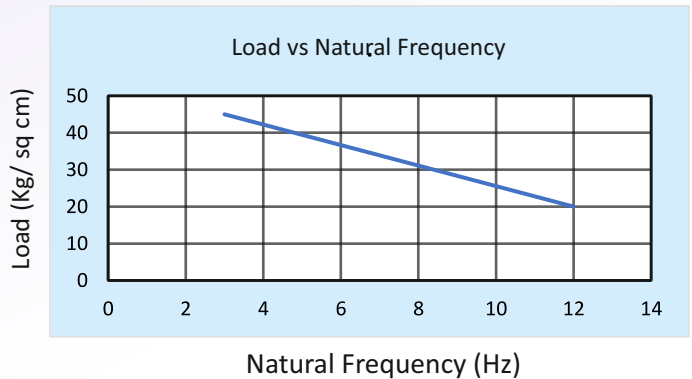
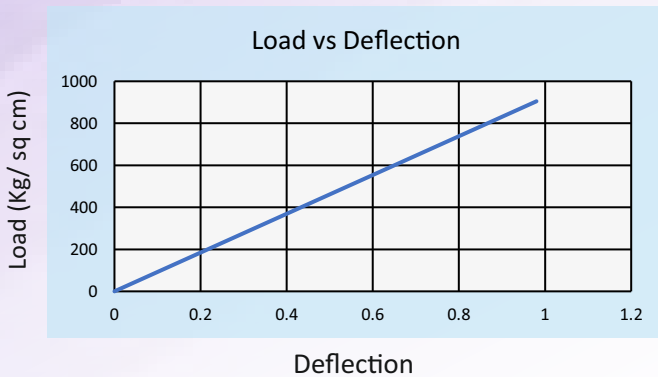


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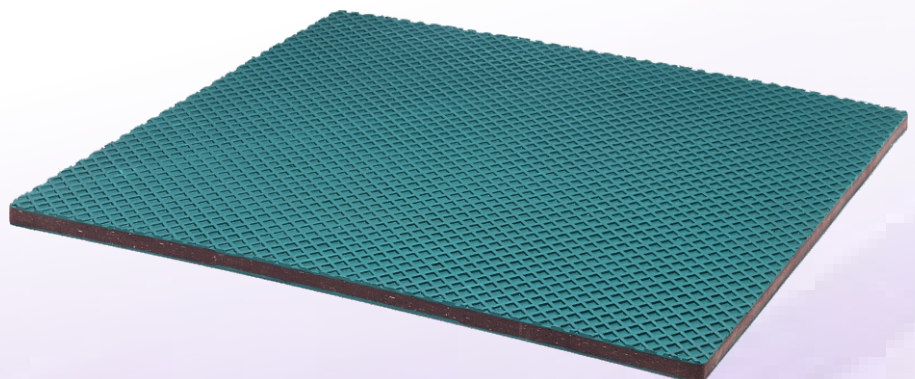
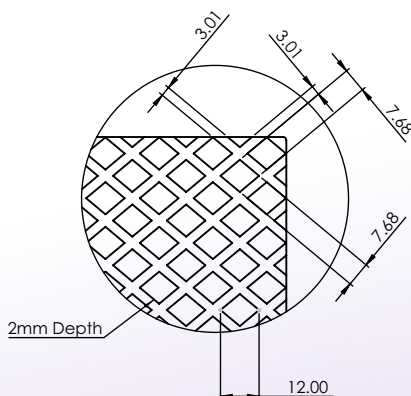
Dynemech Anti-Vibration Du-10 Insulation Sheet is made from high grade synthetic composite material. This sheet is resistant to water, oils, lubricating oils, fuels etc. used in the shop floor. This sheet has defined stress value and can be placed directly under the machine as per the weight of the machine and no. of mounting positions. This plates will not deform plastically, if the weight of machine does not exceed maximum load value of this Insulation plate.

Applications:

TTool room machine, plastic injection moulding machines, pressure die casting machines, printing and textile machine (For Machine having high axial forces).



Technical Data	
Load (Kg/ sq cm)	03-12
Natural Frequency (Hz)	45-24
Thickness (mm)	10
Coeff. of Friction	0.9
Shore A Hardness	90-92
Working Temp Range °C	-20 to +70
UTM compression	ASTM D575
Oil & Chemical Resistance	Resistant to fuels, lubricating oils, water etc. used in the shop floor
Construction	Composite material made from Nitrile Rubber, Cork Particles & polyster Fiber The composite material ensures high damping capacity, High compressive strength & high load capacities

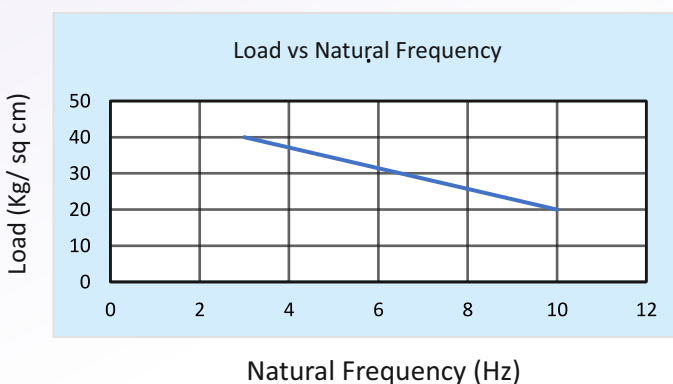
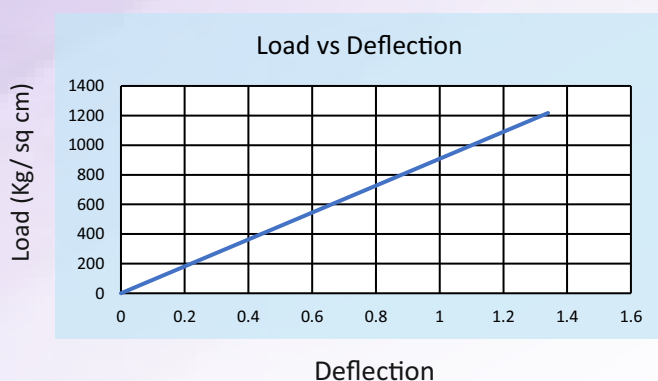


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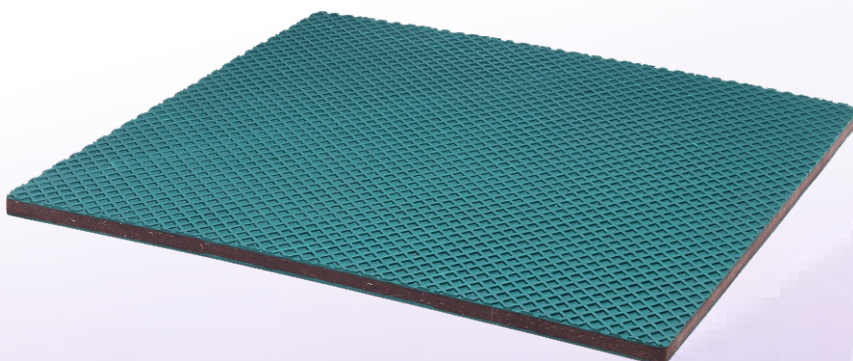
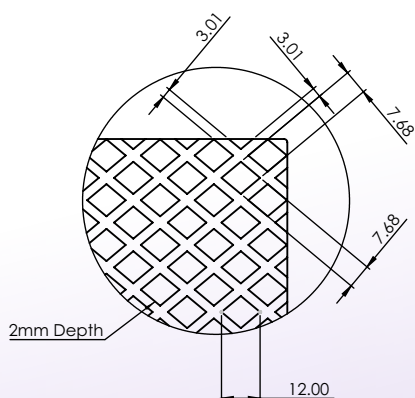
Dynemech Anti-Vibration Du-12 Insulation Sheet is made from high grade synthetic composite material. This sheet is resistant to water, oils, lubricating oils, fuels etc. used in the shop floor. This sheet has defined stress value and can be placed directly under the machine as per the weight of the machine and no. of mounting positions. This plates will not deform plastically, if the weight of machine does not exceed maximum load value of this Insulation plate.

Applications:

TTool room machine, plastic injection moulding machines, pressure die casting machines, printing and textile machine (For Machine having high axial forces).



Technical Data	
Load (Kg/ sq cm)	03-10
Natural Frequency (Hz)	45-22
Thickness (mm)	12
Coeff. of Friction	0.9
Shore A Hardness	90-92
Working Temp Range °C	-20 to +70
UTM compression	ASTM D575
Oil & Chemical Resistance	Resistant to fuels, lubricating oils, water etc. used in the shop floor
Construction	Composite material made from Nitrile Rubber, Cork Particles & polyester Fiber The composite material ensures high damping capacity, High compressive strength & high load capacities

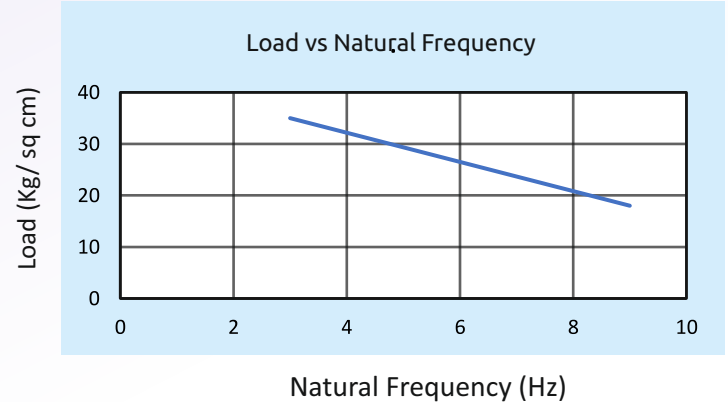
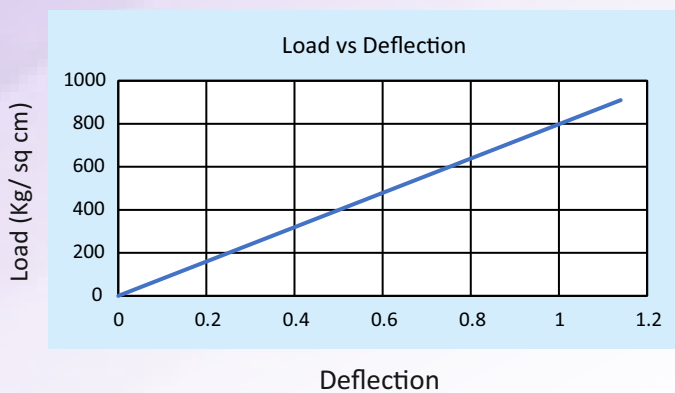


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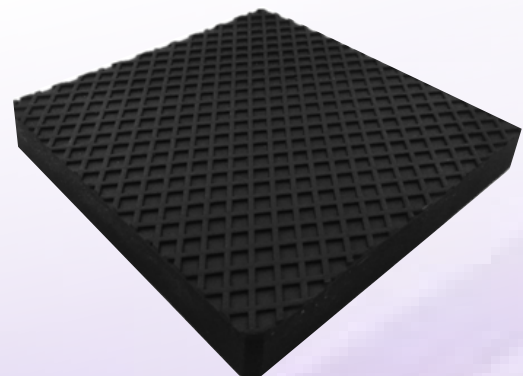
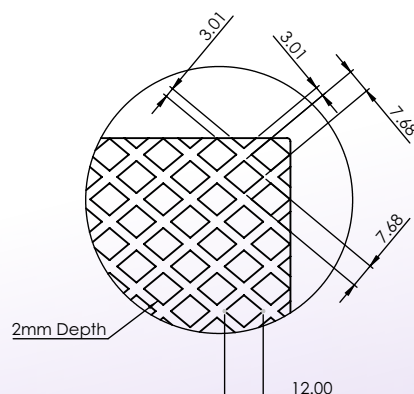
Dynemech Anti-Vibration Du-10-NP Insulation Plate is made from high grade Neoprene Rubber. This sheet is resistant to water, oils, lubricating oils, fuels etc. used in the shop floor. This sheet has defined stress value and can be placed directly under the machine as per the weight of the machine and no. of mounting positions. This sheet will not deform plastically, if the weight of machine does not exceed maximum load value of this Insulation plate.

Applications:

For Tool room machines, plastic injection moulding machines, pressure die casting machines, printing and textile machine (For Machine having high axial forces).



Technical Data	
Load (Kg/ sq cm)	03-09
Thickness (mm)	10
Coeff. of Friction	0.9
Shore A Hardness	60-65
Tensile Strength (kg/sq cm)	100
Natural Frequency (Hz)	18-35
Elongation (min.)	250%
Compression Set (max.)	30%
Colour	Black
Working Temp Range	-20 to +70
Color Flammability Class	UL 94-VO
Oil & Chemical Resistance	Resistant to fuels, lubricating oils, water etc. used in the shop floor
Construction	Composite material made from Neoprene Rubber. The composite material ensures high damping capacity, High compressive strength & high load capacities

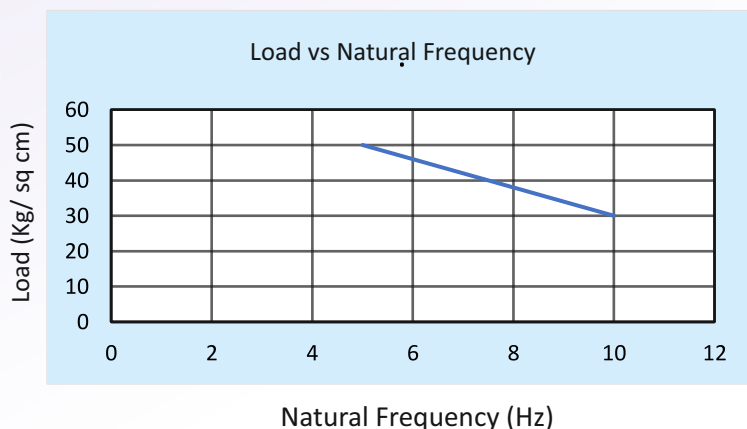
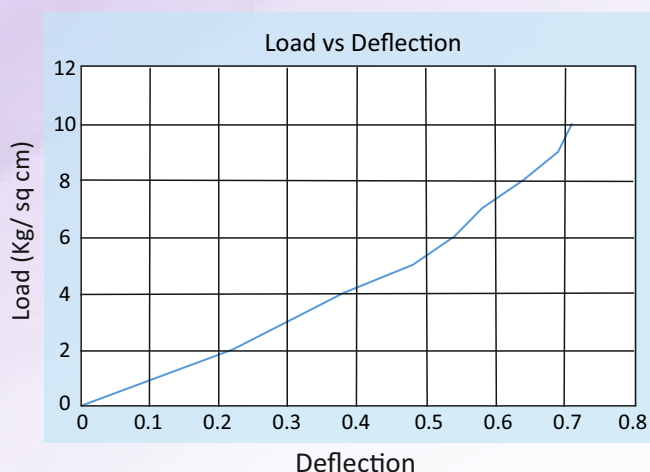


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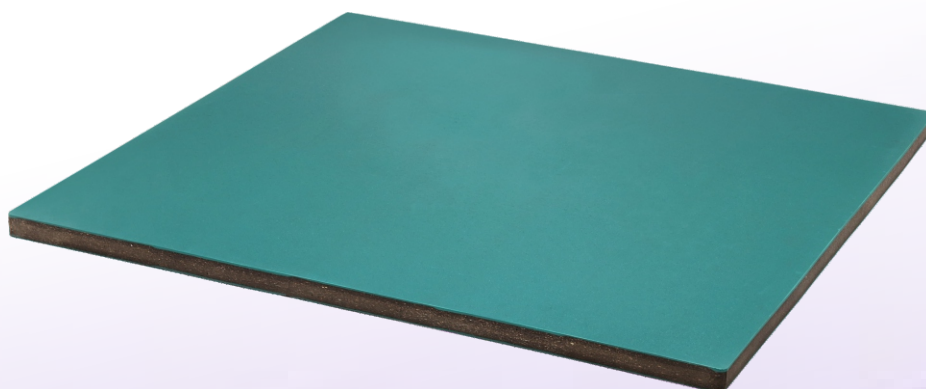
Dynemech Anti-vibration Dm Insulation Plate is made from high grade synthetic composite material. This sheet is resistant to water, oils, lubricating oils, fuels, etc. used in shop floor. This sheet has defined stress value and can be placed directly under the machine as per the weight of the machine and no. of mounting positions. This sheet will not deform plastically, if the weight of machine does not exceed maximum load value of this insulation plate..

Applications:

Lathe Machines, Milling Machines, Grinding Machines, Machining Centers, Turning Centers etc.



Technical Data	
Load (Kg/ sq cm)	05-10
Natural Frequency (Hz)	30-50
Thickness (mm)	15
Coeff. of Friction	0.7
Shore A Hardness	90-92
Working Temp Range °C	-20 to +70
Oil & Chemical Resistance	Resistant to fuels, lubricating oils, water etc. used in the shop floor
Construction	
Composite material made from Nitrile Rubber, Cork Particles & polyester Fiber The composite material ensures high damping capacity, High compressive strength & high load capacities	

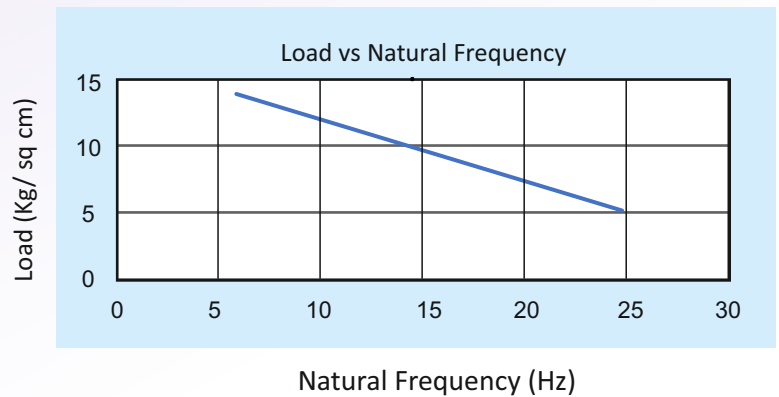
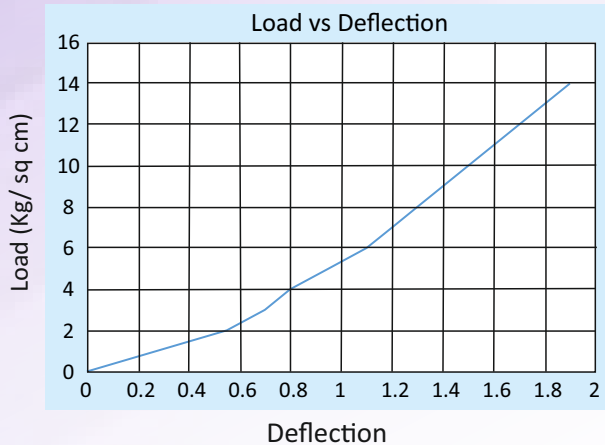


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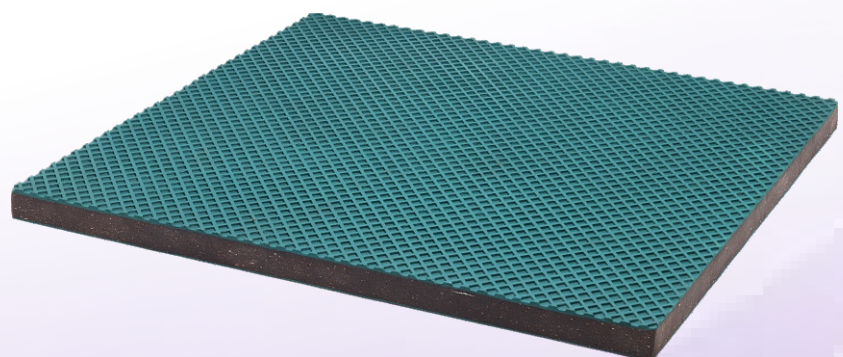
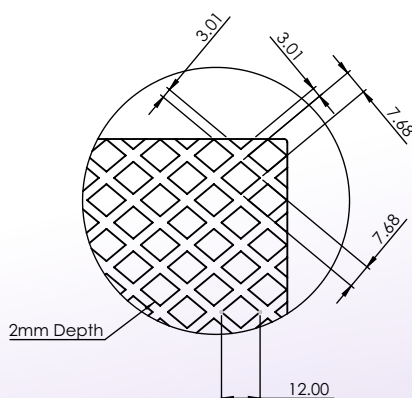
Dynemech Anti-vibration Di Insulation Plate is made from high grade synthetic composite material. This sheet is resistant to water, oils, lubricating oils, fuels, etc. used in shop floor. This sheet has defined stress value and can be placed directly under the machine as per the weight of the machine and no. of mounting positions. This sheet will not deform plastically, if the weight of machine does not exceed maximum load value of this insulation plate.

Applications:

For machine with high vertical dynamic forces such as power presses, punching machines, stamping machines, shearing machines etc.



Technical Data	
Load (Kg/ sq cm)	05-14
Natural Frequency (Hz)	25-7
Thickness (mm)	25
Coeff. of Friction	0.8
Shore A Hardness	90-92
Working Temp Range °C	-20 to +70
UTM compression	ASTM D575
Oil & Chemical Resistance	Resistant to fuels, lubricating oils, water etc. used in the shop floor
Construction	Composite material made from Nitrile Rubber, Cork Particles & polyester Fiber The composite material ensures high damping capacity, High compressive strength & high load capacities

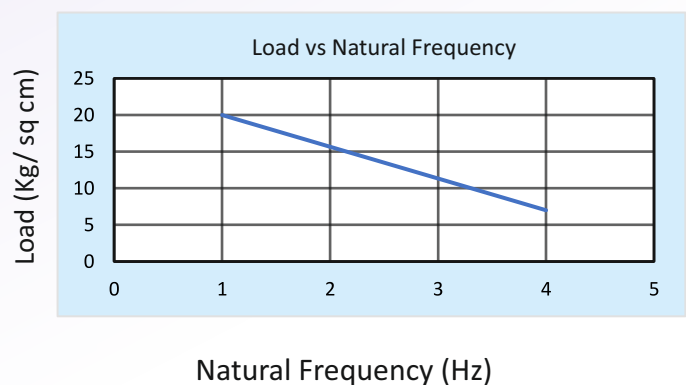
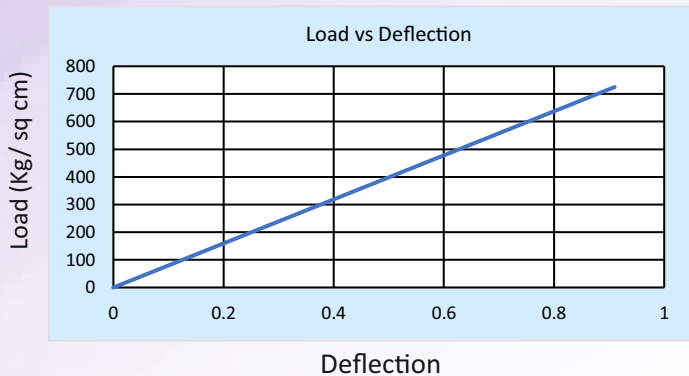


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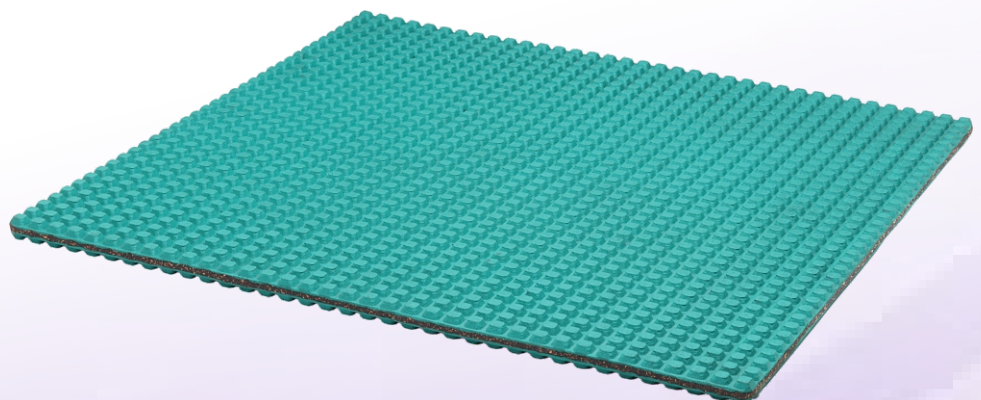
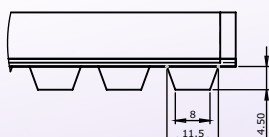
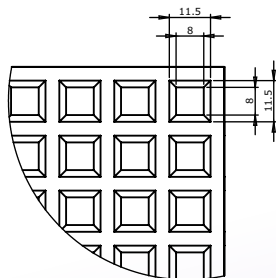
Dynemech Insulation Plates are made from the compound of Nitrile Rubber, Cork, Synthetic Fibre which at varying compositions gives different natural frequencies for providing vibration damping solution to almost every machine tool. Also the Insulation Plates are resistant to fuels, lubricating oils, water etc.

Applications:

Suitable for passive vibration control of measuring & testing machines maintains machine stability along with vibration reduction



Technical Data	
Load (Kg/sq cm)	01-04
Thickness (mm)	15
Coeff. of Friction	0.8
Shore A Hardness	40-45
Working Temp Range °C	-20 to +70
Natural Frequency (Hz)	07-20
Tensile Strength (Kg/cm ²)	50
Elongation	450%
Compression Set	25% (Max.)
Oil & Chemical Resistance	Resistant to fuels, lubricating oils, water etc. used in the shop floor
Construction	Composite material made from Nitrile Rubber, Cork Particles & Synthetic Particles

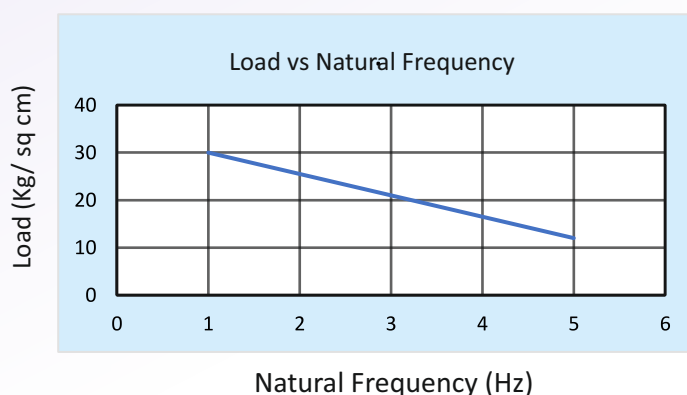
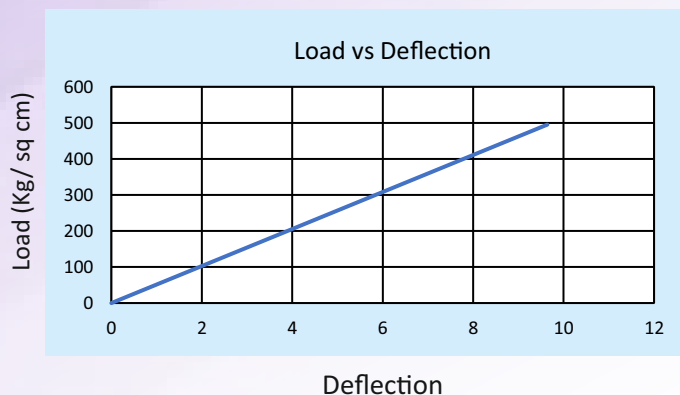


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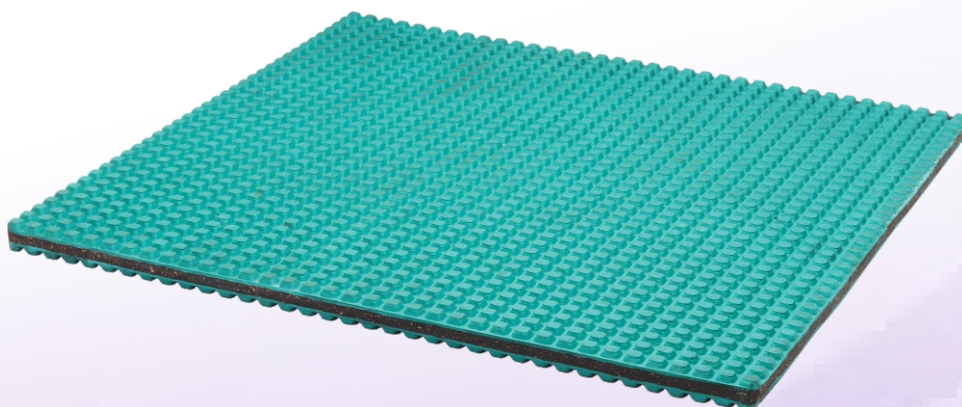
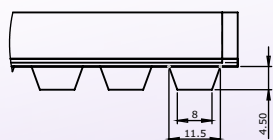
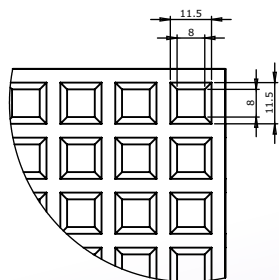
Dynemech Insulation Plates are made from the compound of Nitrile Rubber, Cork, Synthetic Fibre which at varying compositions gives different natural frequencies for providing vibration damping solution to almost every machine tool. Also the Insulation Plates are resistant to fuels, lubricating oils, water etc.

Applications:

Suitable for passive vibration control of measuring & testing machines maintains machine stability along with vibration reduction



Technical Data	
Load (Kg/ sq cm)	01-05
Thickness (mm)	20
Coeff. of Friction	0.8
Shore A Hardness	40-45
Natural Frequency (Hz)	12-30
Working Temp Range °C	-20 to +70
Tensile Strength (Kg/cm2)	50
Elongation	450%
Compression Set	25% (Max.)
Oil & Chemical Resistance	Resistant to fuels, lubricating oils, water etc. used in the shop floor
Construction	Composite material made from Nitrile Rubber, Cork Particles & Sinthetic Particles

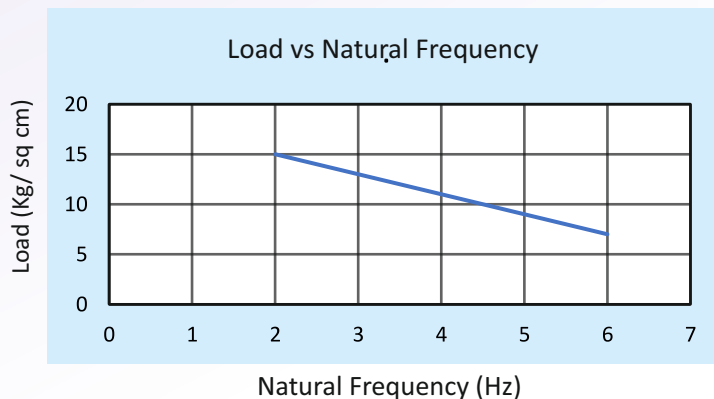
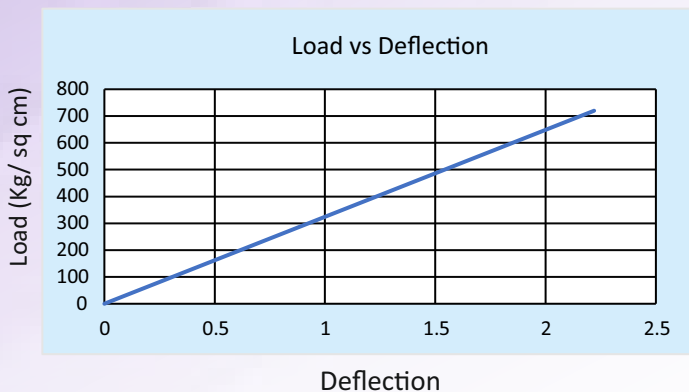


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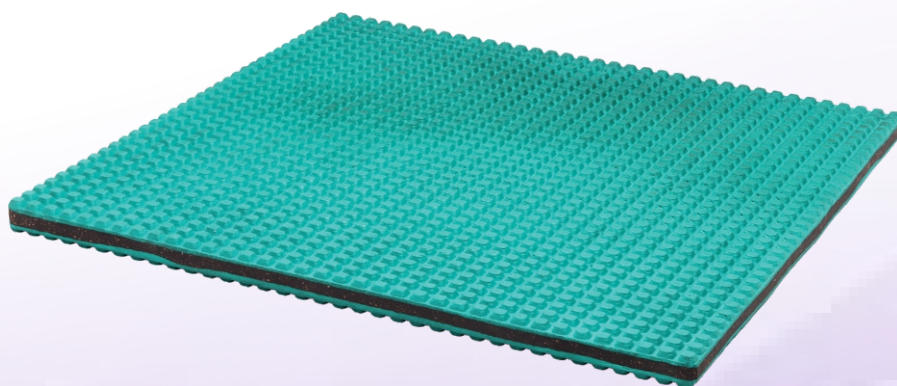
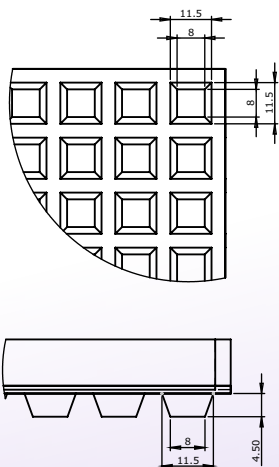
Dynemech Insulation Plates are made from the compound of Nitrile Rubber, Cork, Synthetic Fibre which at varying compositions gives different natural frequencies for providing vibration damping solution to almost every machine tool. Also the Insulation Plates are resistant to fuels, lubricating oils, water etc.

Applications:

Tuned to low natural frequency, suitable for passive vibration control of Measuring and Testing Machines, Grinders etc.



Technical Data	
Load (Kg/ sq cm)	02-06
Thickness (mm)	24
Coeff. of Friction	0.8
Shore A Hardness	40-45
Natural Frequency (Hz)	07-15
Working Temp Range °C	-20 to +70
Tensile Strength (Kg/cm2)	50
Elongation	450%
Compression Set	25% (Max.)
Oil & Chemical Resistance	Resistant to fuels, lubricating oils, water etc. used in the shop floor
Construction	Composite material made from Nitrile Rubber, Cork Particles & Sinthetic Particles

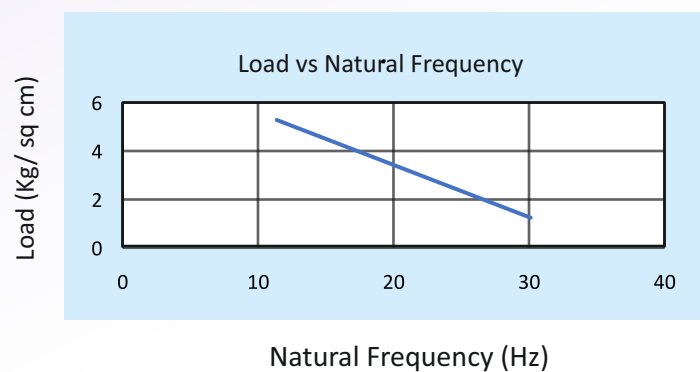
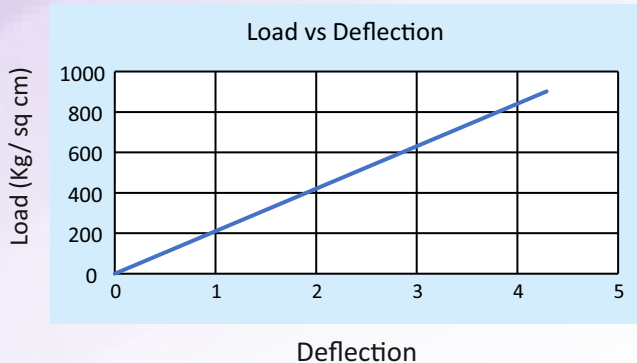


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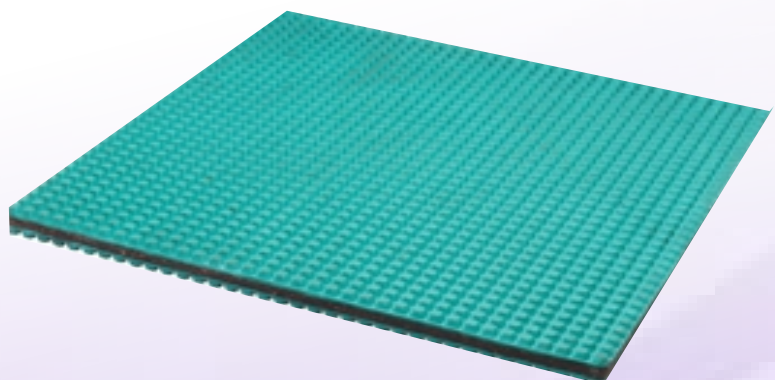
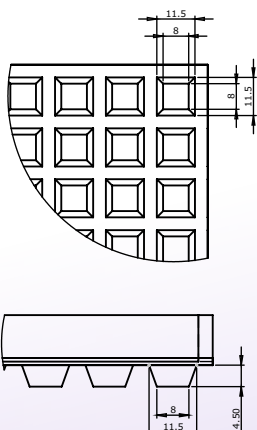
Dynemech Insulation Plates are made from the compound of Nitrile Rubber, Cork, Synthetic Fibre which at varying compositions gives different natural frequencies for providing vibration damping solution to almost every machine tool. Also the Insulation Plates are resistant to fuels, lubricating oils, water etc.

Applications:

Suitable for passive vibration control of measuring & testing machines maintains machine stability along with vibration reduction.



Technical Data	
Load (Kg/ sq cm)	01-05
Thickness (mm)	20
Coeff. of Friction	0.8
Shore A Hardness	65-70
Natural Frequency (Hz)	12-30
Elongation	450%
WorkingTemp Range °C	-20 to +70
Tensile Strength (Kg/cm ²)	50
Compression set	25% (Max)
Oil & Chemical Resistance	Resistant to fuels, lubricating oils, water etc. used in the shop floor
Construction	Composite material made from Nitrile Rubber, Cork Particles & polyester Fiber

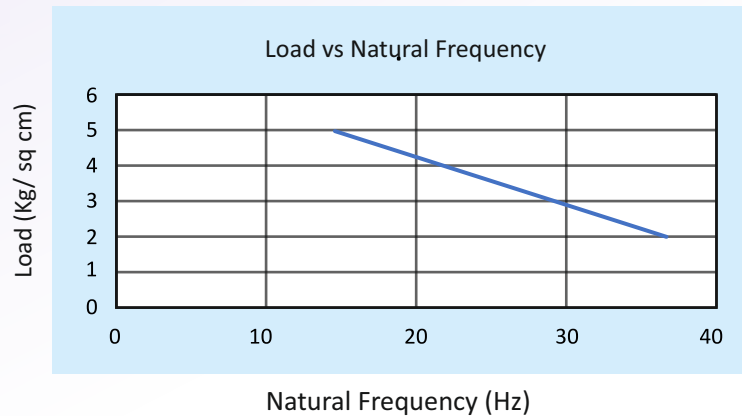
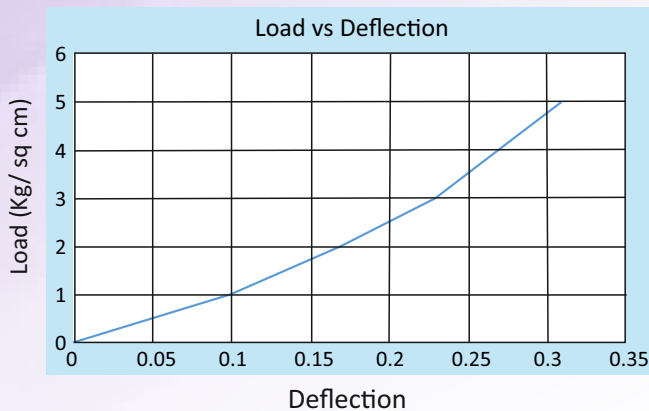


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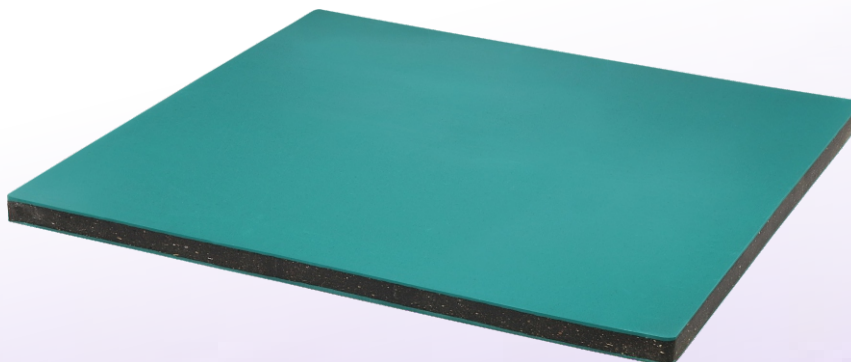
Dynemech Anti-vibration Ds1 Insulation Plate is made from high grade synthetic composite material. This sheet is resistant to water, oils, lubricating oils, fuels, etc. used in shop floor. This sheet has defined stress value and can be placed directly under the machine as per the weight of the machine and no. of mounting positions. This sheet will not deform plastically, if the weight of machine does not exceed maximum load value of this insulation plate..

Applications:

TLight weight Presses, Tool Room Machines, Compressors etc. on ground floor as well as upper floors.



Technical Data	
Load (Kg/ sq cm)	02-05
Thickness (mm)	20
Coeff. of Friction	0.8
Shore A Hardness	80-82
Natural Frequency (Hz)	15-35
Working Temp Range °C	-20 to +70
Tensile Strength (Kg/cm2)	100
Elongation	300%
Oil & Chemical Resistance	Resistant to fuels, lubricating oils, water etc. used in the shop floor
Construction	Composite material made from Nitrile Rubber, Cork Particles & polyester Fiber The composite material ensures high damping capacity, High compressive strength & high load capacities

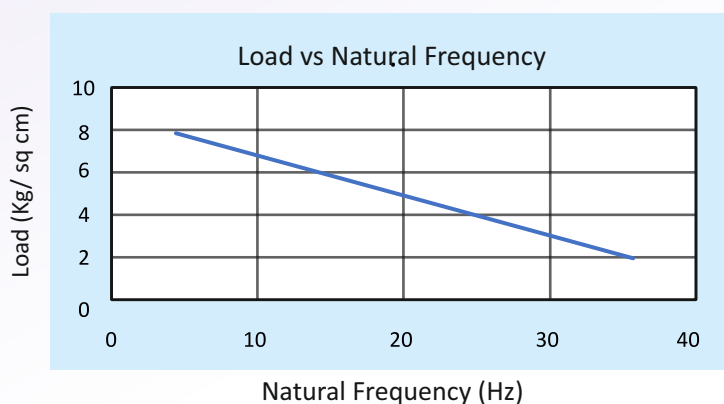
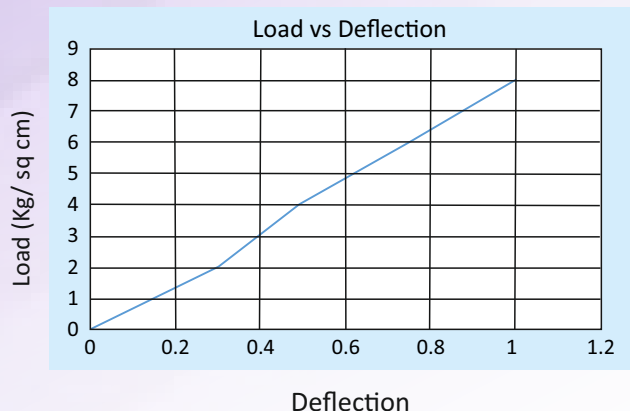


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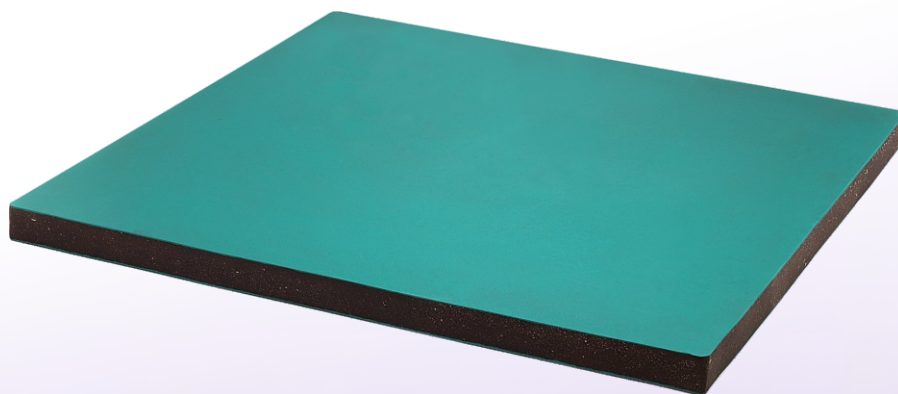
Dynemech Anti-vibration Ds2 Insulation Plate is made from high grade synthetic composite material. This sheet is resistant to water, oils, lubricating oils, fuels, etc. used in shop floor. This sheet has defined stress value and can be placed directly under the machine as per the weight of the machine and no. of mounting positions. This sheet will not deform plastically, if the weight of machine does not exceed maximum load value of this insulation plate.

Applications:

High vibration insulation for both active and passive range, medium presses, stamping machine, also well suited for high speed rotating machine on upper floors.



Technical Data	
Load (Kg/ sq cm)	02-08
Thickness (mm)	25
Coeff. of Friction	0.8
Shore A Hardness	80-82
Natural Frequency (Hz)	8-35
Working Temp Range °C	-20 to +70
Oil & Chemical Resistance	Resistant to fuels, lubricating oils, water etc. used in the shop floor
Construction	Composite material made from Nitrile Rubber, Cork Particles & polyester Fiber The composite material ensures high damping capacity, High compressive strength & high load capacities

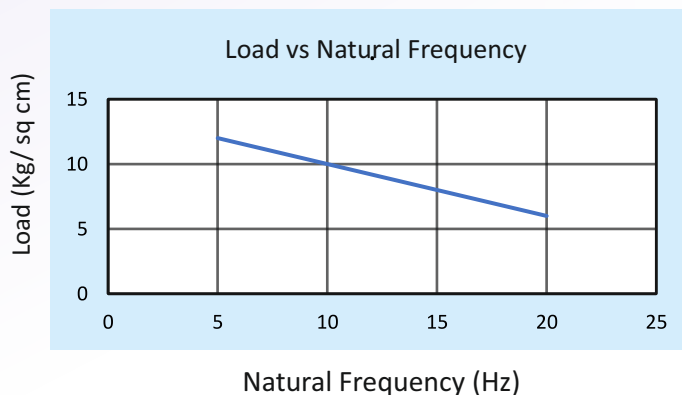
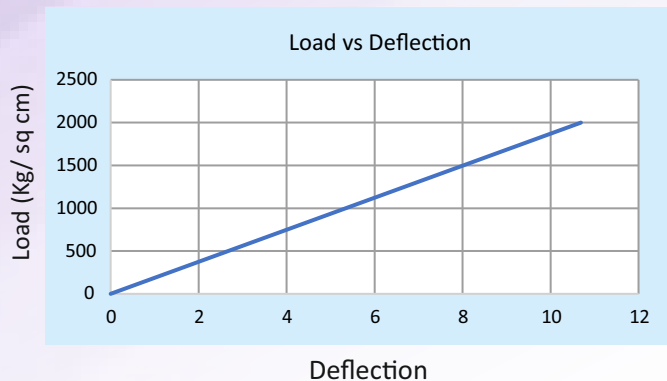


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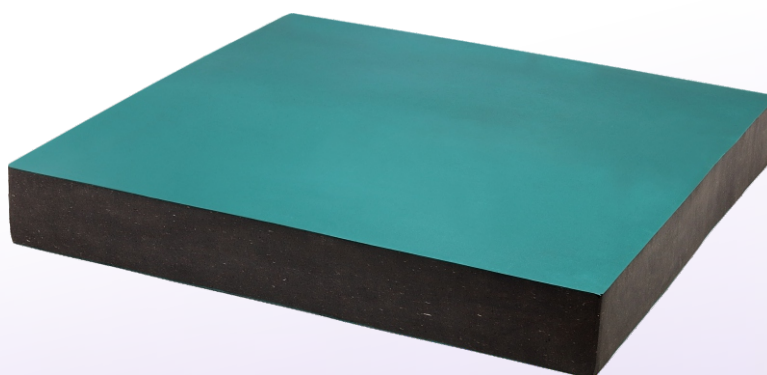
Dynemech Anti-vibration Dhs1 Insulation Plate is made from high grade synthetic composite material. This sheet is resistant to water, oils, lubricating oils, fuels, etc. used in shop floor. This sheet has defined stress value and can be placed directly under the machine as per the weight of the machine and no. of mounting positions. This sheet will not deform plastically, if the weight of machine does not exceed maximum load value of this insulation plate.

Applications:

Forging Hammers, Heavy Gen Sets, Heavy Industrial Machines, Test Rigs, Heavy Presses etc.



Technical Data	
Load (Kg/ sq cm)	05-20
Thickness (mm)	65
Coeff. of Friction	0.8
Shore A Hardness	90-92
Natural Frequency (Hz)	6-12
Tensile Strength (Kg/cm ²)	100
Oil & Chemical Resistance	Resistant to fuels, lubricating oils, water etc. used in the shop floor
Construction	Composite material made from Nitrile Rubber, Cork Particles & polyester Fiber The composite material ensures high damping capacity, High compressive strength & high load capacities

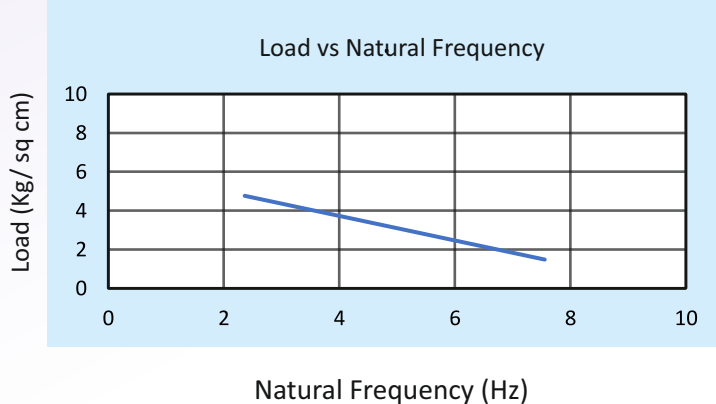
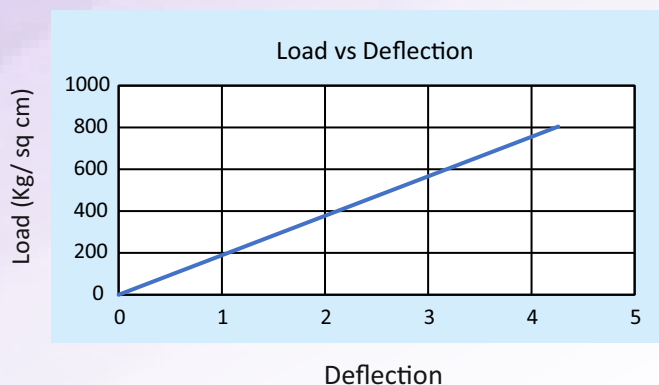


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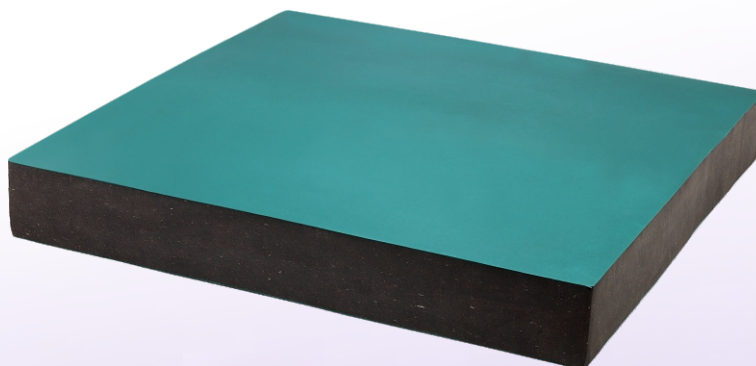
Dynemecch Anti-vibration Dhs2 Insulation Plate is made from high grade synthetic composite material. This sheet is resistant to water, oils, lubricating oils, fuels, etc. used in shop floor. This sheet has defined stress value and can be placed directly under the machine as per the weight of the machine and no. of mounting positions. This sheet will not deform plastically, if the weight of machine does not exceed maximum load value of this insulation plate.

Applications:

Forging Hammers, Heavy Gen Sets, Heavy Industrial Machines, Test Rigs, Heavy Presses etc.



Technical Data	
Load (Kg/ sq cm)	02-08
Thickness (mm)	65
Coeff. of Friction	0.8
Shore A Hardness	60-65
Natural Frequency (Hz)	8-4
Elongation	300%
WorkingTemp Range °C	-20 to +70
Tensile Strength (Kg/cm ²)	100
Oil & Chemical Resistance	Resistant to fuels, lubricating oils, water etc. used in the shop floor
Construction	Composite material made from Nitrile Rubber, Cork Particles & polyester Fiber The composite material ensures high damping capacity, High compressive strength & high load capacities

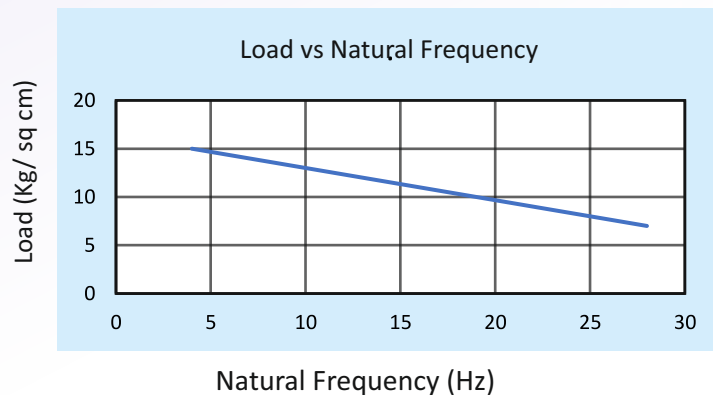
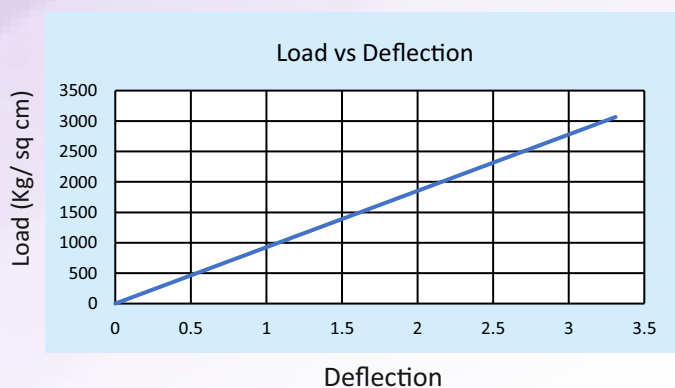


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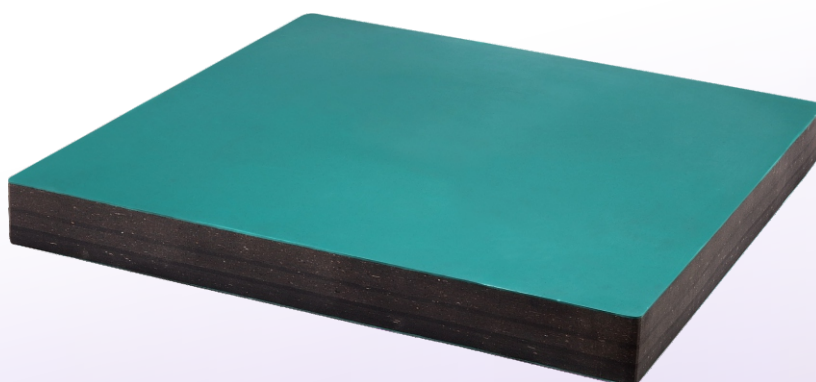
Dynemech Anti-vibration Dhs3 Insulation Plate is made from high grade synthetic composite material. This sheet is resistant to water, oils, lubricating oils, fuels, etc. used in shop floor. This sheet has defined stress value and can be placed directly under the machine as per the weight of the machine and no. of mounting positions. This sheet will not deform plastically, if the weight of machine does not exceed maximum load value of this insulation plate.

Applications:

Forging Hammers, Heavy Gen Sets, Heavy Industrial Machines, Test Rigs, Heavy Presses etc.



Technical Data	
Load (Kg/ sq cm)	04-28
Thickness (mm)	50
Coeff. of Friction	0.8
Shore A Hardness	90-92
Natural Frequency (Hz)	7-15
Elongation	300%
WorkingTemp Range °C	-20 to +70
Tensile Strength (Kg/cm ²)	100
Oil & Chemical Resistance	Resistant to fuels, lubricating oils, water etc. used in the shop floor
Construction	Composite material made from Nitrile Rubber, Cork Particles & polyester Fiber The composite material ensures high damping capacity, High compressive strength & high load capacities

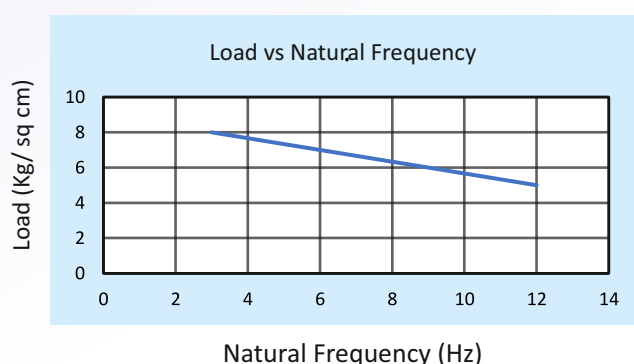
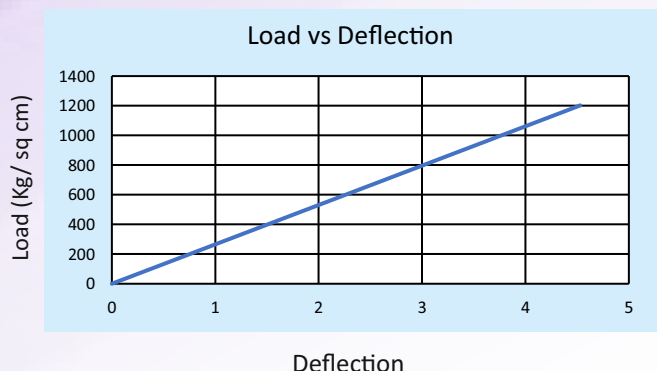


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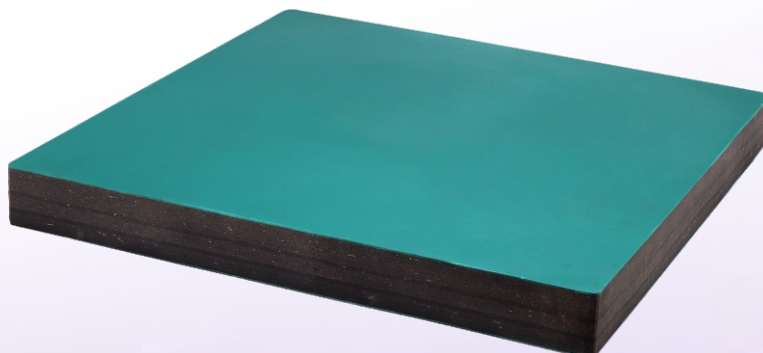
Dynemech Anti-vibration Dhs4 Insulation Plate are made from the compund of Nitrile Rubber, Cork, Synthetic Fibre which at varying compositions gives different natural frequencies for providing vibration damping solution to almost every machine tool. Also the Insulation Plates are resistant to fuels, lubricating oils, water etc.

Applications:

Forging Hammers, Heavy Gen Sets, Heavy Industrial Machines, Test Rigs, Heavy Presses etc.



Technical Data	
Load (Kg/ sq cm)	03-12
Thickness (mm)	50
Coeff. of Friction	0.8
Shore A Hardness	60-65
Natural Frequency (Hz)	08-05
Elongation	300%
WorkingTemp Range °C	-20 to +70
Tensile Strength (Kg/cm ²)	110
Compression set (at max %)	30
Oil & Chemical Resistance	Resistant to fuels, lubricating oils, water etc. used in the shop floor
Construction	Composite material made from Nitrile Rubber, Cork Particles & polyester Fiber The composite material ensures high damping capacity, High compressive strength & high load capacities

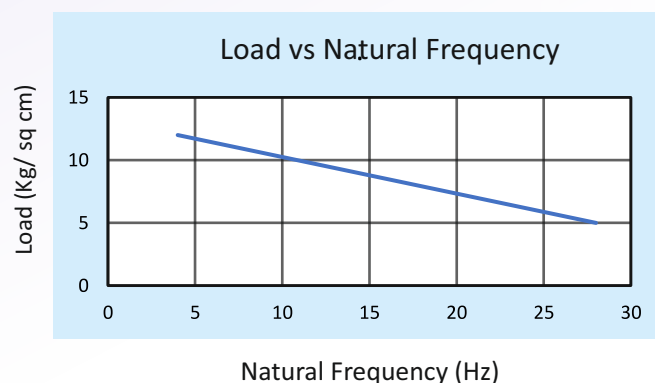
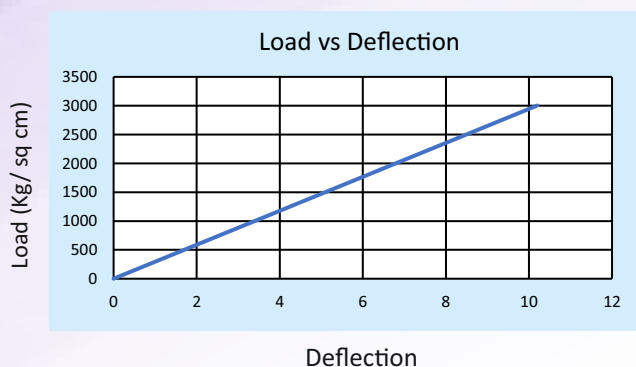


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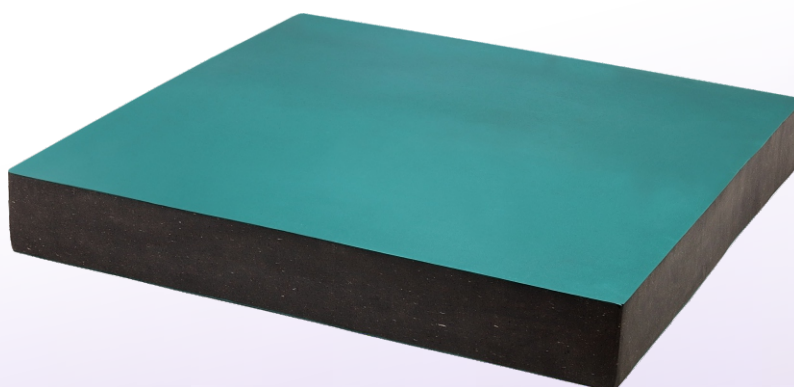
Dynemech Anti-vibration Dhs5 Insulation Plate are made from the compund of Nitrile Rubber, Cork, Synthetic Fibre which at varying compositions gives different natural frequencies for providing vibration damping solution to almost every machine tool. Also the Insulation Plates are resistant to fuels, lubricating oils, water etc.

Applications:

Forging Hammers, Heavy Gen Sets, Heavy Industrial Machines, Test Rigs, Heavy Presses etc.



Technical Data	
Load (Kg/ sq cm)	04-28
Thickness (mm)	80
Coeff. of Friction	0.8
Shore A Hardness	90-92
Modulus of Elasticity N/ sq mm	100
Natural Frequency (Hz)	05-12
WorkingTemp Range °C	-20 to +70
Oil & Chemical Resistance	Resistant to fuels, lubricating oils, water etc. used in the shop floor
Construction	Composite material made from Nitrile Rubber, Cork Particles & Sinthetic Particles

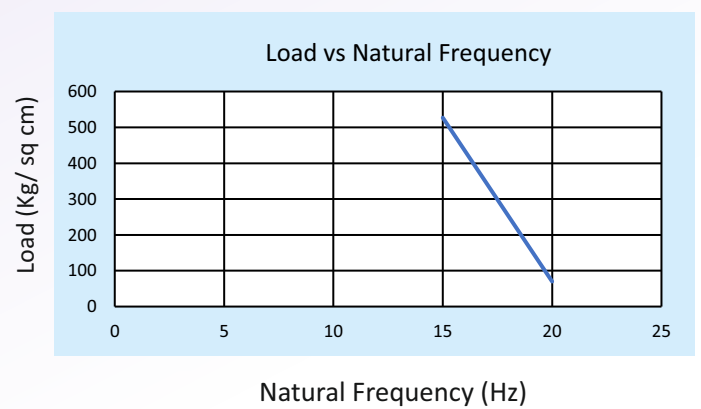
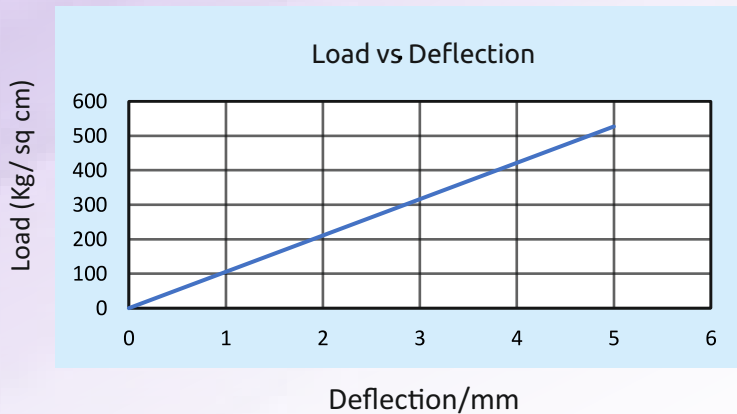


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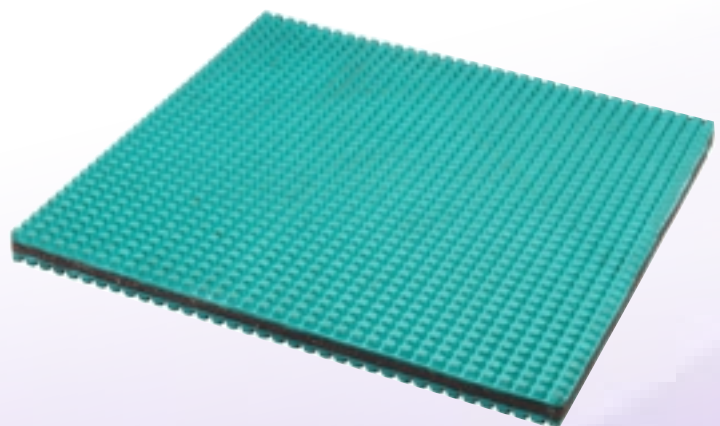
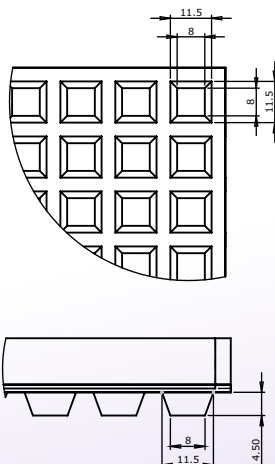
Dynemech Anti-vibration Dhs6-ML-15 Insulation Plate is made from high grade synthetic black rubber. This sheet is resistant to water, oils, lubricating oils, fuels, etc. used in shop floor. This sheet has defined stress value and can be placed directly under the machine as per the weight of the machine and no. of mounting positions. This sheet will not deform plastically, if the weight of machine does not exceed maximum load value of this insulation plate.

Applications:

Forging Hammers, Heavy Gen Sets, Heavy Industrial Machines, Test Rigs, Heavy Presses etc.



Technical Data	
Load (Kg/ sq cm)	527
Thickness (mm)	15
Shore A Hardness	90-92
Elongation	748.7
Natural Frequency (Hz)	15-20 Hz
Coeff. of Friction	0.7
WorkingTemp Range °C	-20 to +110
Tensile Strength (Kg/cm ²)	170.97
Young's Modulus (Kg/cm ²)	22.8
Compression set (at max %)	9 mm at 527 Kg/cm ²
Oil & Chemical Resistance	Resistant to fuels, lubricating oils, water.
Construction	30 Ply of fabric, synthetic black rubber

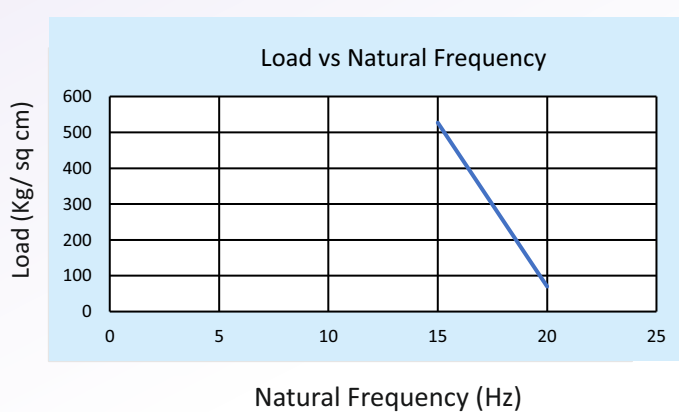
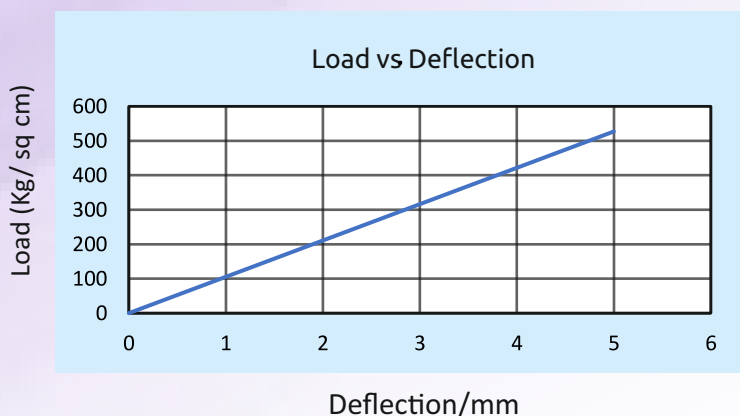


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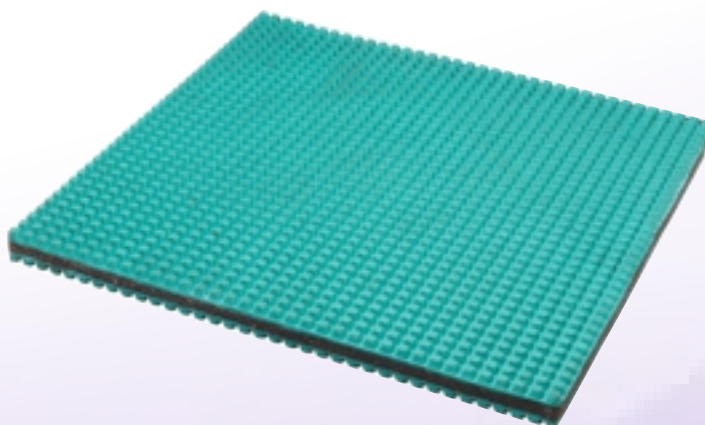
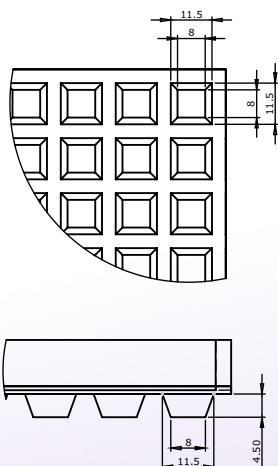
Dynemech Anti-vibration Dhs6-ML-15 Insulation Plate is made from high grade synthetic black rubber. This sheet is resistant to water, oils, lubricating oils, fuels, etc. used in shop floor. This sheet has defined stress value and can be placed directly under the machine as per the weight of the machine and no. of mounting positions. This sheet will not deform plastically, if the weight of machine does not exceed maximum load value of this insulation plate.

Applications:

Forging Hammers, Heavy Gen Sets, Heavy Industrial Machines, Test Rigs, Heavy Presses etc.



Technical Data	
Load (Kg/ sq cm)	527
Thickness (mm)	25
Shore A Hardness	90-92
Elongation	748.7
Natural Frequency (Hz)	15-20 Hz
Coeff. of Friction	0.7
WorkingTemp Range °C	-20 to +110
Tensile Strength (Kg/cm ²)	170.97
Young's Modulus (Kg/cm ²)	22.8
Compression set (at max %)	9 mm at 527 Kg/cm ²
Oil & Chemical Resistance	Resistant to fuels, lubricating oils, water.
Construction	30 Ply of fabric, synthetic black rubber



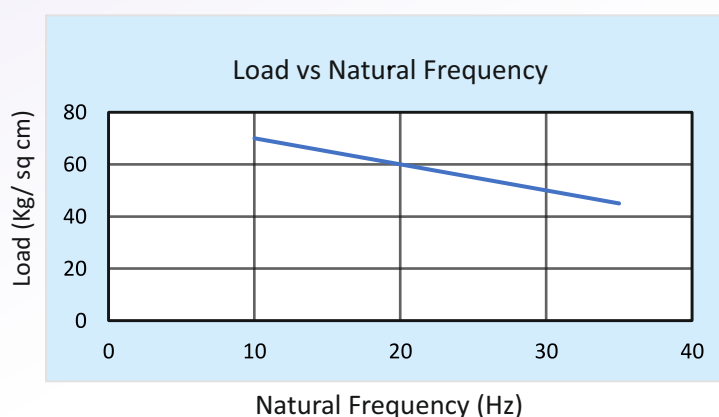
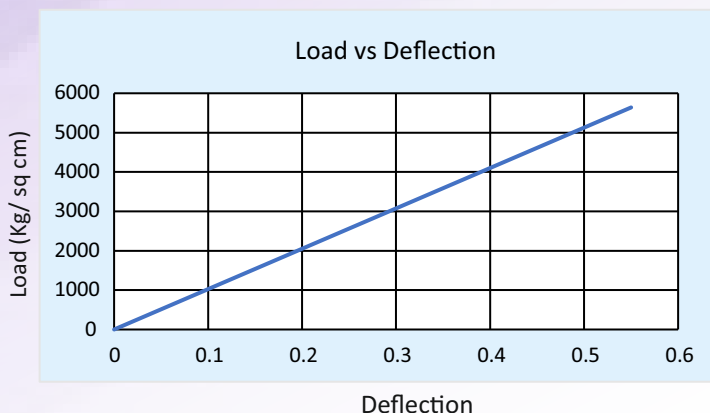
Article Information :

Dynemech Anti-vibration Dh Insulation Plate are made from the compund of Nitrile Rubber, Cork, Synthetic Fibre which at varying compositions gives different natural frequencies for providing vibration damping solution to almost every machine tool. Also the Insulation Plates are resistant to fuels, lubricating oils, water etc.

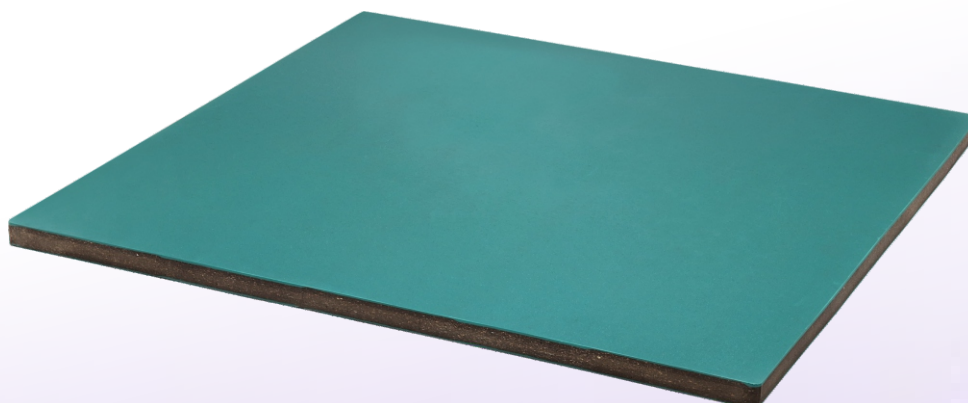
Applications:

Very Heavy and Long Bed Machines, Long Machining centres, Planners, etc, such as

- Forging Hammers
- Power Presses
- Gen Sets
- Heavy Industrial Machineries.



Technical Data	
Load (Kg/ sq cm)	10-35
Thickness (mm)	15
Coeff. of Friction	0.6
Shore A Hardness	94-96
Natural Frequency (Hz)	45-70
WorkingTemp Range °C	-20 to +70
Oil & Chemical Resistance	Resistant to fuels, lubricating oils, water etc. used in the shop floor
Construction	Composite material made from Nitrile Rubber, Cork Particles & Sinthetic Particles

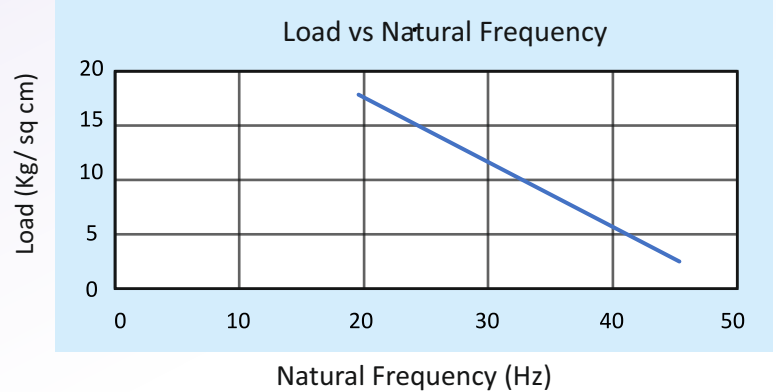
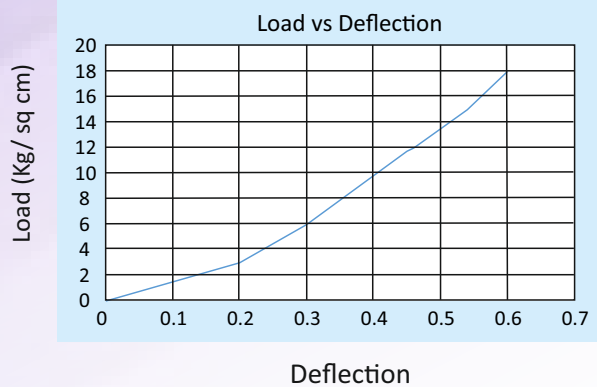


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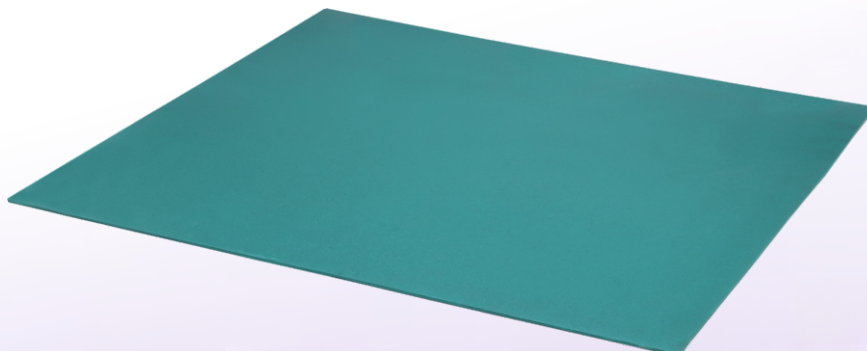
Dynemech Anti-Vibration Da1 Anti Skid Plate is made from high grade synthetic composite material. This sheet is resistant to water, oils, lubricating oils, fuels etc. used in the shop floor. This sheet has defined stress value and can be placed directly under the machine as per the weight of the machine and no. of mounting positions. This plate will not deform plastically, if the weight of machine does not exceed maximum load value of this anti skid plate.

Applications:

Antiskid



Technical Data	
Load (Kg/sq cm)	02-18
Thickness (mm)	02
Coeff. of Friction	0.8
Shore A Hardness	90-92
Natural Frequency (Hz)	30-70
UTM compression	ASTM D575
Working Temp Range	-20 to +70
Oil & Chemical Resistance	Resistant to fuels, lubricating oils, water etc. used in the shop floor
Construction	Composite material made from Neoprene Rubber. The composite material ensures high damping capacity, High compressive strength & high load capacities

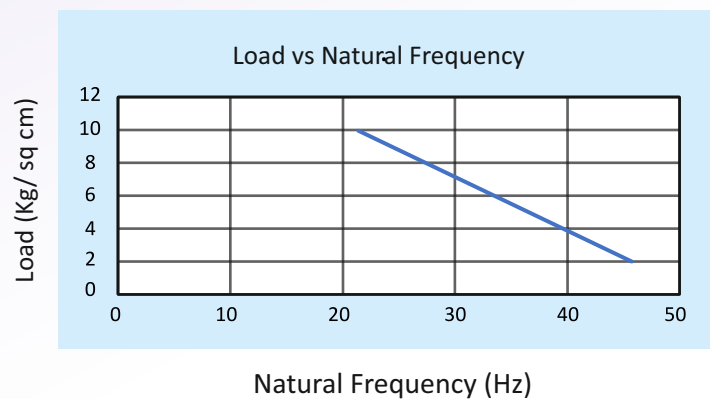
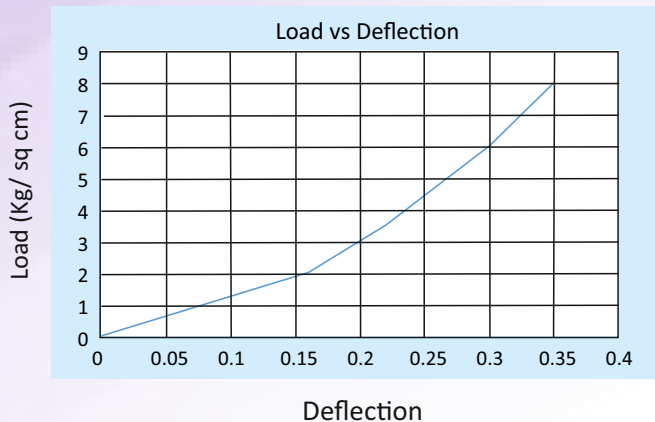


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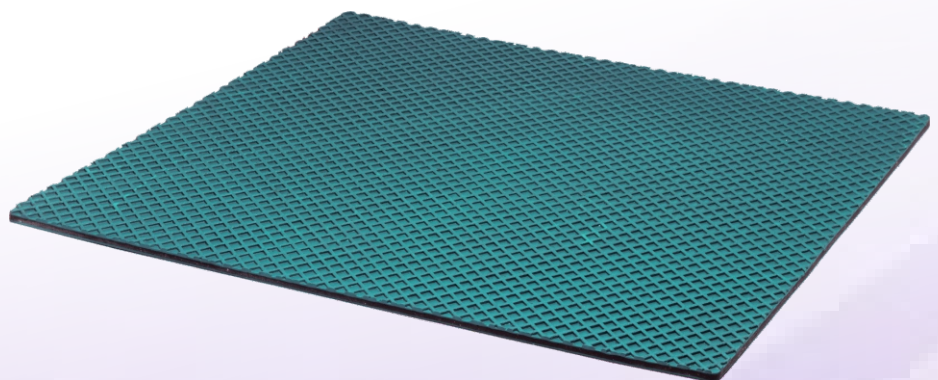
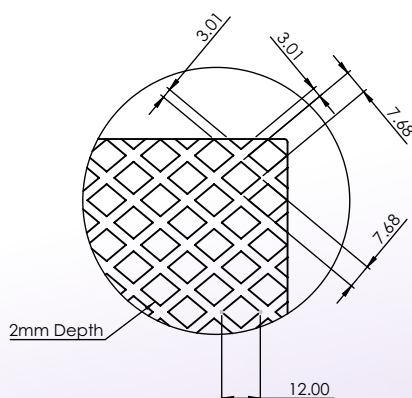
Dynemech Anti-Vibration Da2 Anti Skid Plate is made from high grade synthetic composite material. This sheet is resistant to water, oils, lubricating oils, fuels etc. used in the shop floor. This sheet has defined stress value and can be placed directly under the machine as per the weight of the machine and no. of mounting positions. This plate will not deform plastically, if the weight of machine does not exceed maximum load value of this anti skid plate.

Applications:

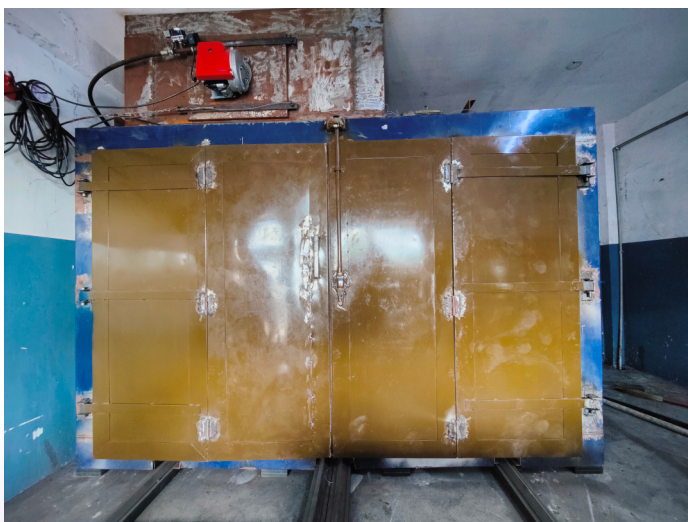
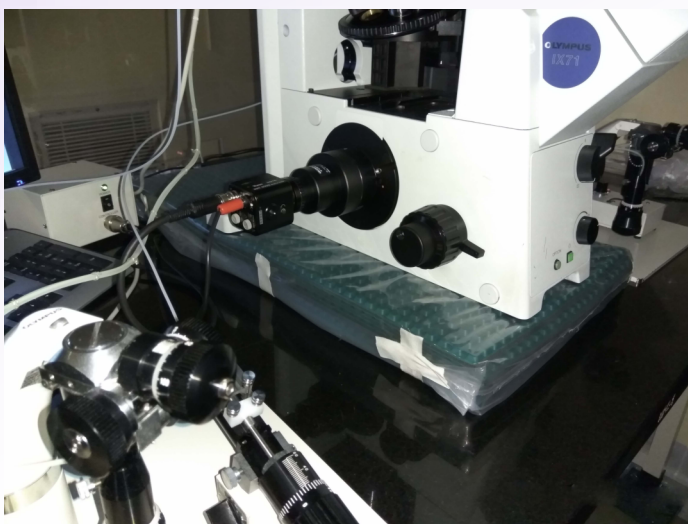
Anti skid Plate

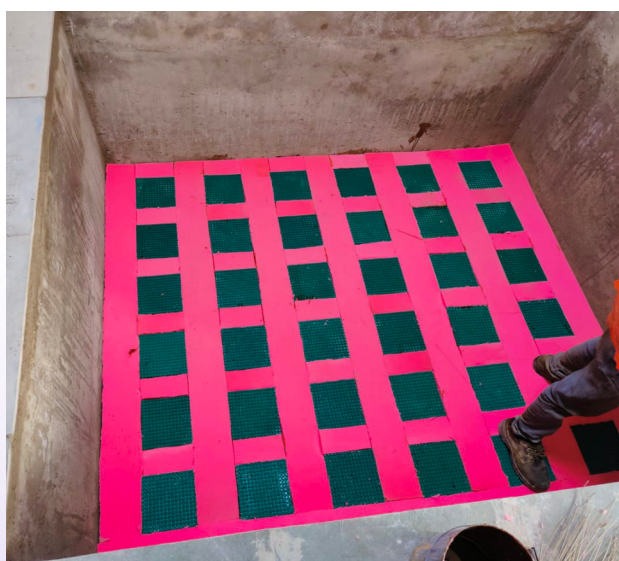


Technical Data	
Load (Kg/sq cm)	02-10
Thickness (mm)	08
Coeff. of Friction	0.8
Shore A Hardness	90-92
Natural Frequency (Hz)	21-45
UTM compression	ASTM D575
Working Temp Range	-20 to +70
Oil & Chemical Resistance	Resistant to fuels, lubricating oils, water etc. used in the shop floor
Construction	Composite material made from Neoprene Rubber. The composite material ensures high damping capacity, High compressive strength & high load capacities











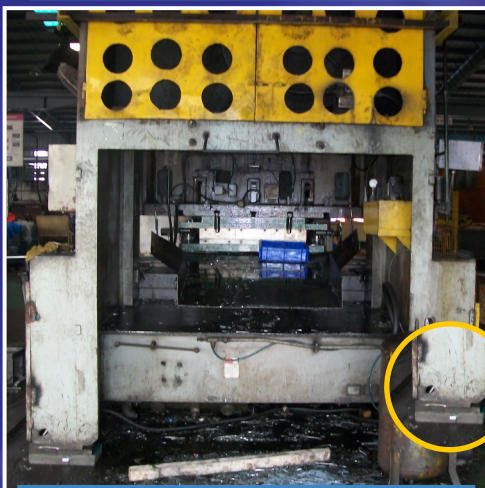
Heavy Duty Insulation Plates
Installed Under The Anvil Of
IT Capacity Forging Hammer



Doosan Make Vmc Installed On
Isolated Foundation Prepared By
Dynemtech Insulation Plates



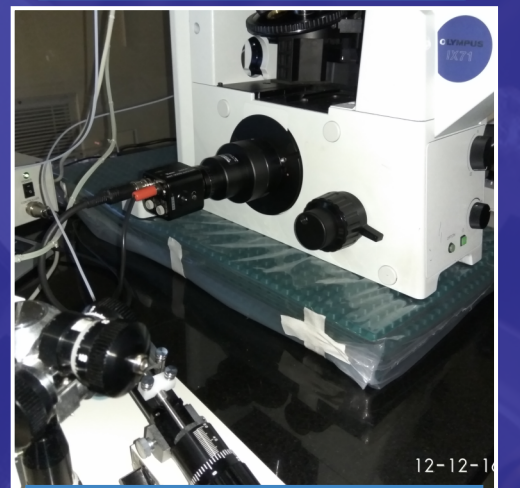
Dynemtech Insulation Plates
Protects Microscope From
Vibrations



400T Capacity H-Frame Press
Isolated on Dynemtech Insulation
Plates



High Precision Weighing Balance
Installed on Dynemtech Insulation
Plates



Stacked Insulation Plates Installed
under an IVF Microscope

Applications

- ✓ Plastic Injection Moulding Machines
- ✓ CNC Turning/ Machining Centers
- ✓ CNC Milling
- ✓ Pressure Die Casting Machines
- ✓ Coal Crushers, Turbines, ID/FD Fans
- ✓ Printing and Packaging Machines
- ✓ Food and Pharmaceutical Machines
- ✓ CMM and EDM Machines
- ✓ Press Brakes & Turret Punch Presses
- ✓ Surface Roughness Tester
- ✓ Power Presses
- ✓ Tool Room Machines
- ✓ Textile Machines
- ✓ Forging Hammers
- ✓ Lathes, Broaches
- ✓ HMC/VMC
- ✓ Gear Profile Tester
- ✓ Deep Drilling Machines
- ✓ Generators, Compressors & HVAC Installations
- ✓ Punching, Stamping & Shearing Machines
- ✓ Measuring & Testing Machines & Equipments (Surface Plates, Hardness Testers)
- ✓ Contour Measuring, Roughness Tester, Roundness Tester, ULMs (Universal Length Measuring Machine)
- ✓ Anti-Vibration Tables and Isolation Platforms
- ✓ Precision Machine Tools (Turning Centers, Machining Centers, Grinding Machines)
- ✓ Centrifugal Pumps and Fans
- ✓ Plano Miller Machine



Precision Metrology
Anti Vibration Tables



Vibration Control
Solutions - HVAC

Manufactured By :

DYNEMECH SYSTEMS PVT. LTD.

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Email : Sales@dynemtech.com

Website : www.vibrationmountsindia.com

www.vibrationdampingpads.com

Dynemtech
VIBRATION TECHNOLOGY

