

NHUUR

Decoupling Pad



Silent Foundations for
Solid Structures

Decoupling Pads

are high-density isolation materials designed to reduce structure-borne vibration and minimize sound transmission between building elements. Typically made from rubber, polyurethane, or cork composites, these pads act as a resilient buffer between floors, walls, machinery, or building components to effectively break the direct sound path.



INSTALLATION

Walls, Ceiling & Floor:

Typically available in pre-cut sizes or rolls, they are easy to place under floors, walls, or equipment bases without requiring specialized tools.

APPLICATION

Typically available in pre-cut sizes or rolls, they are easy to place under floors, walls, or equipment bases without requiring specialized tools.

**Air Conditioners | Cooling Towers | Compressors | Fans |
Generators | Pumps | Piping | Process Equipment |
Transformers | Subwoofers**

PRODUCT SPECIFICATIONS

Composition: Combines rubber and Elastic, versatile polyurethane material.

Dimensions : 2440*1220mm / Cust

Fire resistance: ASTM E84CLASS A; EN 13501 CLASS B

Types	Maximum Load (kg)/Piece	Weight (kg)	Thickness (mm)	Nat freq. Hz
NH-DP-20	20	0.404	12	20.1
		0.606	25	13.7
NH-DP-40	40	0.63	12	17.4
		0.97	25	11.4
NH-DP-80	80	0.92	12	16.1
		1.345	25	10.6
NH-DP-120	120	1.02	12	17.7
		1.96	25	10.9
NH-DP-160	160	1.06	12	17.3
		2.04	25	10.6

FEATURES



Durability

Resistant to wear, aging, moisture, and temperature fluctuations, making them suitable for long-term use in diverse environments.



Compression-Resistant

Engineered to maintain the elasticity and not compress over time, ensuring consistent performance.



Eco-Friendly

made from recycled materials or low-emission components for green building compliance (LEED certification).



High Load-Bearing Capacity

Engineered to maintain elasticity and not compress over time, ensuring consistent performance.



Vibration & Sound Isolation

Designed to decouple mechanical components (e.g., speakers, HVAC equipment, flooring) from the structure, reducing vibration transfer.

Minimizes structure-borne sound transmission, improving overall acoustic performance in buildings and studios.


NHUUR



“Where sound finds *harmony*”

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