NHUUR

Decoupling Pad

NHUUR

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 precut 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*”

NHUUR ACOUSTICS

Dubai

+971-501036656

info@nhuuracoustics.com

http://www.nhuuracoustics.com