

NP-MAT Neoprene Mat



■ Features

The NP-MAT is made of neoprene rubber (CR:Chloroprene Rubber) with excellent durability and relatively stable oil, heat and chemical resistance that is foamed and shaped with high density. The close-cell structure inside the mat helps absorb shock, vibration and noise without volumetric displacement.

■ Intended use

- Double bottom of air conditioning rooms and machine rooms
- Shock-absorbing material for machines
- For the isolation of buildings from a vibration-generating subway
- Base vibration and noise control in a special area
- For the floor of sports facilities

■ Physical properties

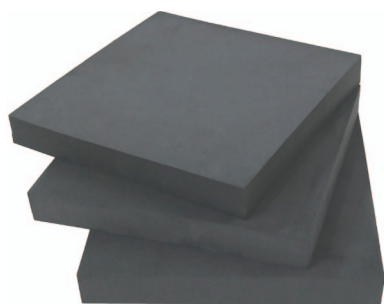
- Damp proof property (absorption rate : less than 0.5g/cm²)
- Insulation : Thermal conductivity (0.036W/m.K at 20°C)
- No environment pollutant contained and harmless to human
- Non-combustible

■ Dimension & Selection Guide

Model	Color	Density(kg/m ³)	Rated Def.(mm)	Coefficient of Extension(%)	Size(mm)
NP-B25	Black	200±20%	8	Over 250	1000X1000X25
NP-B50			16		1000X1000X50
NP-C25		300±20%	8		1000X1000X25
NP-C50			16		1000X1000X50

(NOTE) The mentioned size and scale can be altered to improve the quality performance and capacity of the product without any notice.

EP-MAT EVA Mat



■ Features

EVA (Ethylene Vinyl Acetate) resin is copolymer produced through the polymerization of ethylene monomer and VAM (Vinyl Acetate Monomer) in autoclave reactors, which is used to produce LDPE (Low Density Polyethylene) with as much VAM as VA in content. Because it has excellent elasticity and flexibility, it is suitable as a buffer to alleviate the transfer of structure-borne shock and vibration through neighboring rooms on lower and upper floors. It is mostly used as the base pad for air conditioning rooms and machine rooms.

■ Dimension & Selection Guide

Model	Measure	EP-10	EP-20	EP-25	EP-30	EP-50
Thickness	mm	10	20	25	30	50
Density	Kg/m ³	100±20%				
Tensile Strength	MPa	Over 1				
Coefficient of Extension	%	Over 85				
Hardness of spring	—	Over 45				
Rebound Resilience	%	Over 35				
Compression Set((23±2)°C, 22h)	%	Under 5				
Size (W x H x t)	mm	900mm x 1800mm x 10mm, 20mm, 25mm, 30mm, 50mm				

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