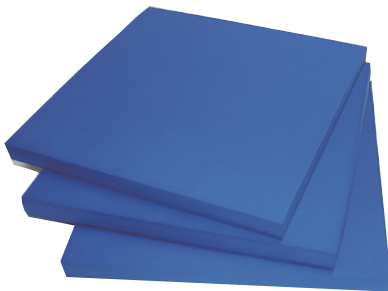


HE-MAT High-Elasticity Mat



■ Features

It is a highly-molecular copolymer formed through the foaming of high-elastic ethylene olefin blended with styrene copolymer. It has a higher elasticity than that of common foam and outstanding glutinous properties. Plus, it can be used as an alternative to the anti-vibration system for the floating floor of structure under concentrated load/distributed load and anti-vibration rubber material used for construction facilities as it can control the dynamic range of compressive load depending on the specific gravity and has a good resistance to compressive deformation.

■ Specification

Model	HE-MAT 25	HE-MAT 50
Color	Blue	
Thickness	25	50
Density(kg/m ³)	270±20%	
Tensile Strength(MPa)	Over 1.3	
Coefficient of Extension(%)	Over 200	
Rated Load(N/mm ²)	0.11±20%	
Rated Def.(mm)	6	12
Natural Freq.(Hz)	Under 10	Under 8
Rebound Resilience(%)	Over 80	
Dynamic Modulus of Elasticity(N/mm ²)	Over 5	Over 5
Compression Set ((23±2)°C, 22h)	Under 3	
Water Absorption Ratio(g/cm ³)	Under 0.003	
Size(WxHxT)	1000mm X 1000mm X 25T	

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

■ HE-MAT Test Data

