

# MEGAMAT STRIPE

## VIBRATION CONTROL

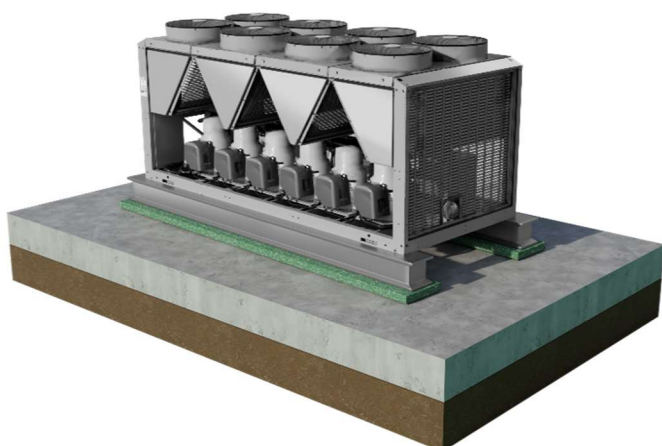


SUPPORT FOR VIBRATION INSULATION MADE IN STRIPS IN RUBBER FROM RECYCLING OF PFU

### ■ TECHNICAL SPECIFICATION

Anti-vibration bearing in the thickness of 20 mm or 50 mm, made of rubber granules and fibres from End-of-Life Tyres (ELTs) compacted using a polyurethane binder in a hot process. A non-woven, non-stretch waperproof synthetic membrane is applied on one side of the bearings, for added protection; density 500 kg/m<sup>3</sup>.

The strips dimensions are m 1.2 lenght, m 0.20 width. To be used for static and dynamic loads up to 0.25 N/mm<sup>2</sup>.



### ■ APPLICATION AREA

Application fields	Load	Deformation
Static	up to 0,05 N/mm <sup>2</sup>	~ 10%
Static and Dynamic	up to 0,25 N/mm <sup>2</sup>	~ 30%
Load peaks (short time)	up to 0,80 N/mm <sup>2</sup>	~ 50%

### ■ TECHNICAL DATA

		Tolerance	Standard
Thickness	20 - 50 mm	± 2	
Lenght	1,20 m	± 2%	
Width	0,20 m	± 2%	
Density	500 kg/m <sup>3</sup>	± 10%	
Stress at strain 10%	0,05 N/mm <sup>2</sup>	± 10%	UNI EN ISO 29470
Static Modulus of Elasticity (Es) - strain 10%	0,55 N/mm <sup>2</sup>	± 10%	UNI EN ISO 29470
Dynamic Modulus of Elasticity (Ed) - strain 10%	1,80 N/mm <sup>2</sup>	± 10%	
Loss factor (η)	0,143	± 10%	
Thermal conductivity coefficient (λ)	0,120		UNI EN 12668
Inflammability	E		UNI EN 13501-2

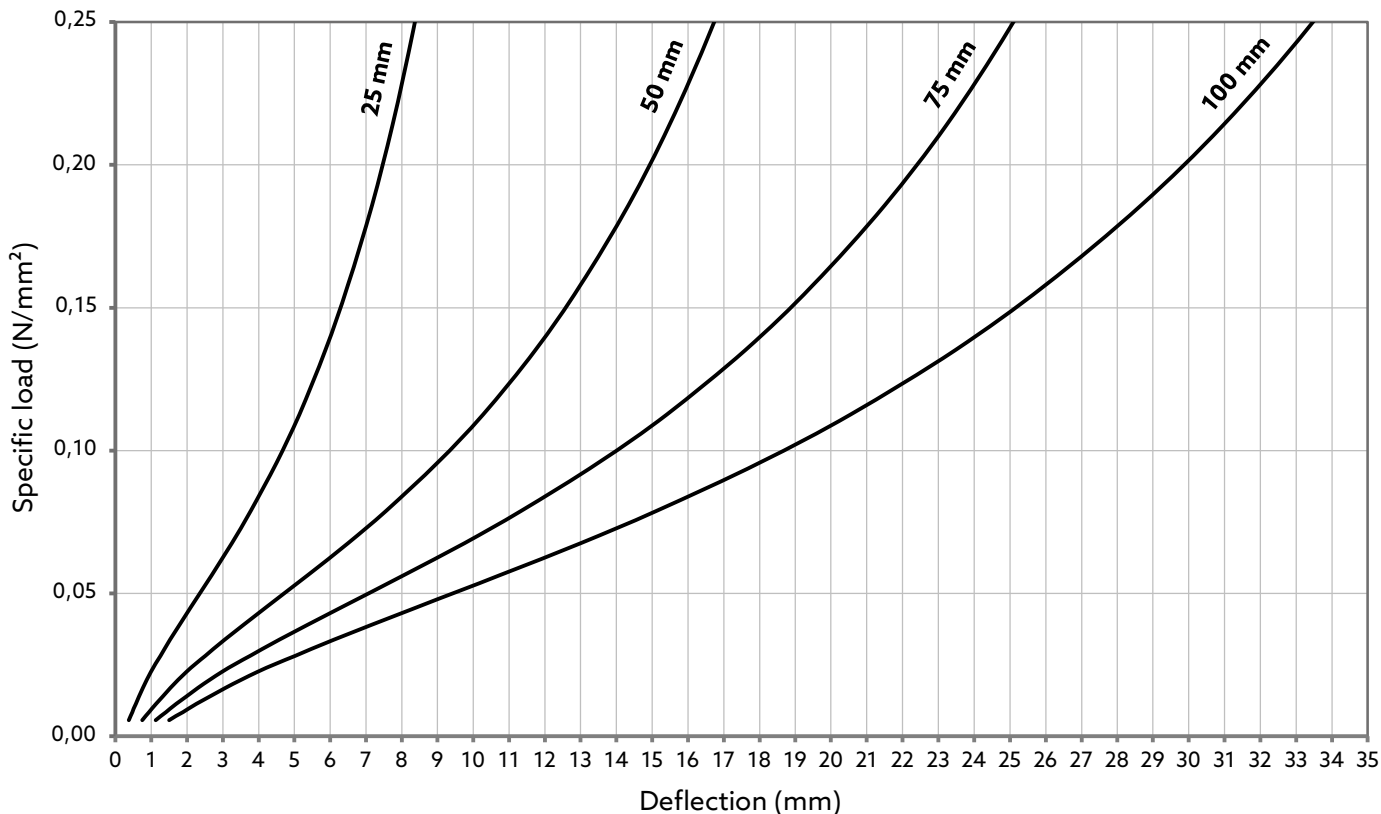


# MEGAMAT STRIPE

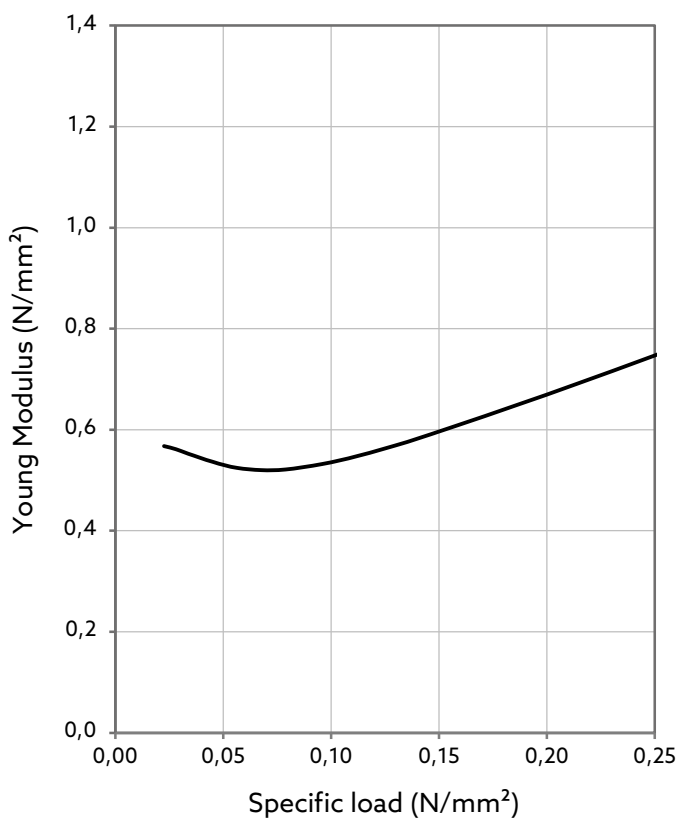
## VIBRATION CONTROL



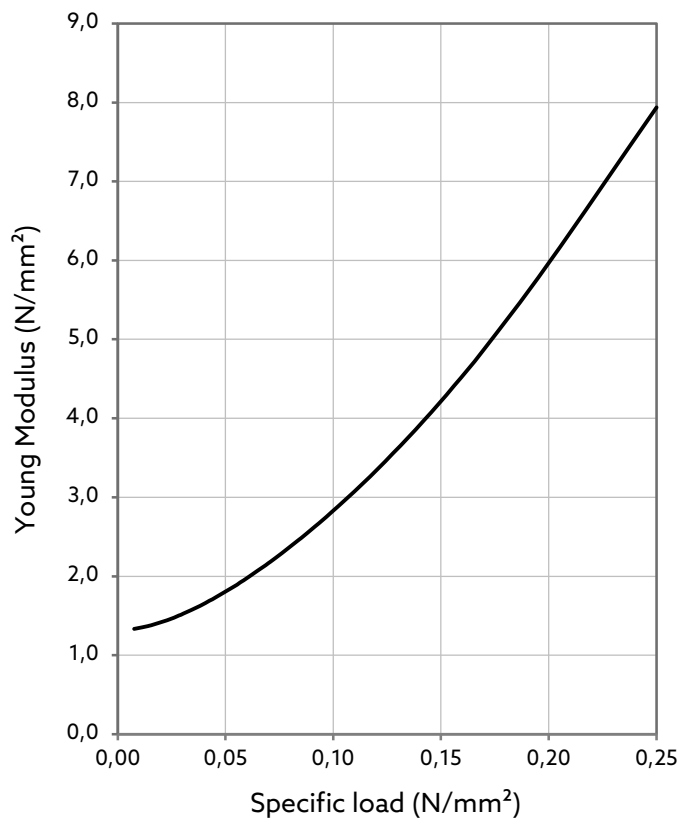
### LOAD DEFLECTION CURVE



### STATIC MODULUS OF ELASTICITY



### DYNAMIC MODULUS OF ELASTICITY

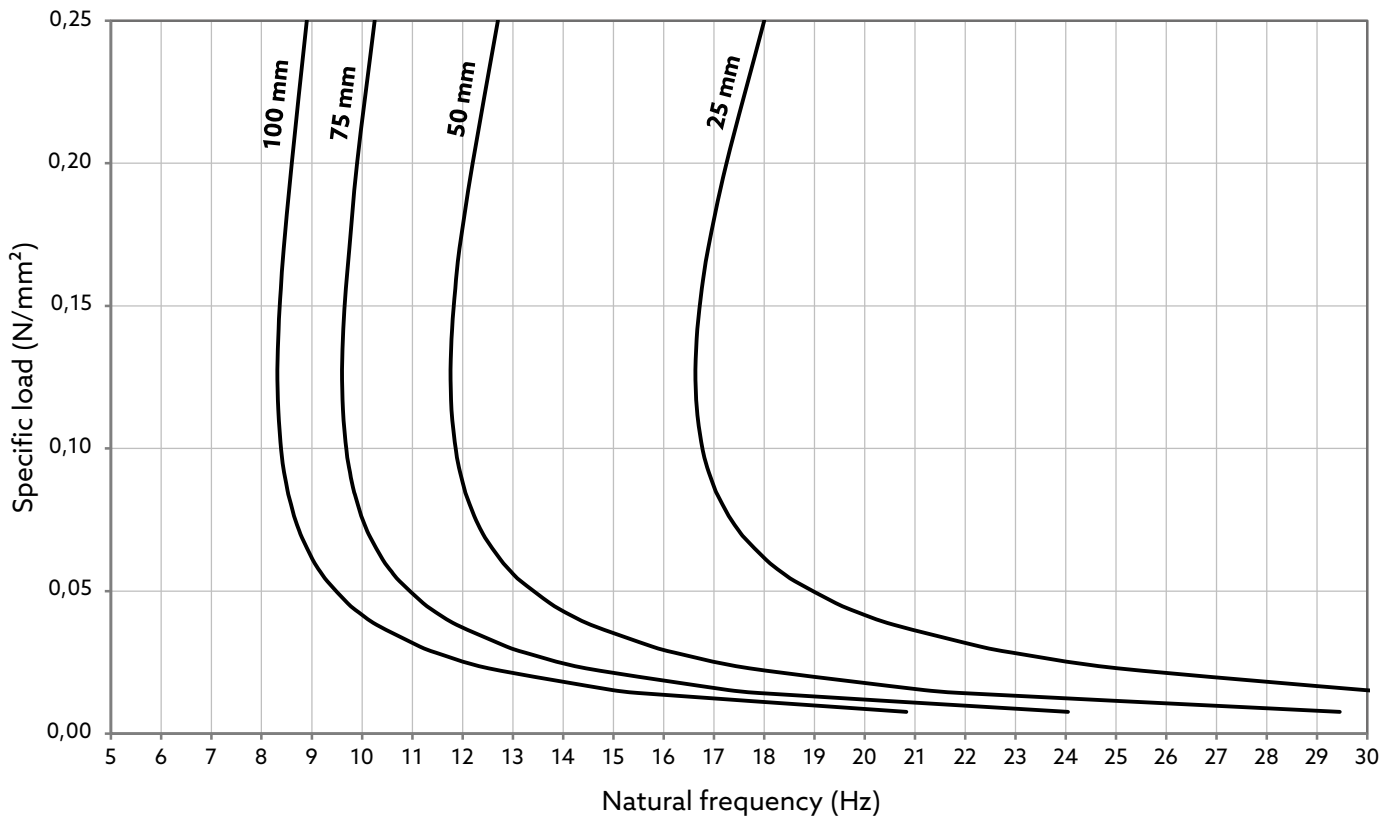


# MEGAMAT STRIPE

## VIBRATION CONTROL



### NATURAL FREQUENCY



### VIBRATION ISOLATION EFFICIENCY

