MEGAMAT STRIPE
VIBRATION CONTROL

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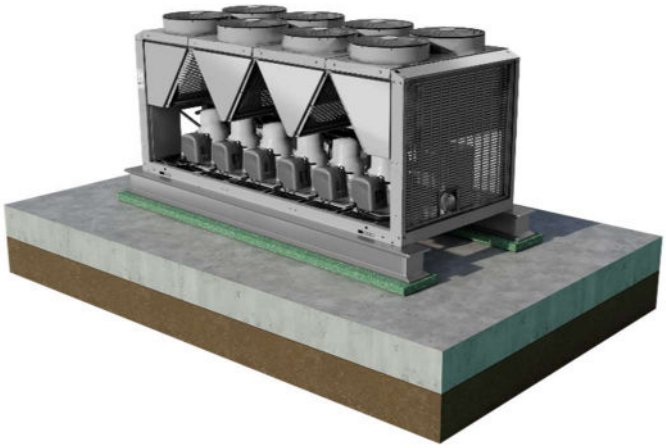
SUPPORT FOR VIBRATION INSULATION MADE IN STRIPS IN RUBBER FROM RECYCLING OF PFU

TECHNICAL SPECIFICATION

Anti-vibration bearing in the thickness of 20 mm or 50 mm, made of rubber granules and fybres 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/m³.
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/mm².



APPLICATION AREA

Application fields	Load	Deformation
Static	up to 0,05 N/mm²	~ 10%
Static and Dynamic	up to 0,25 N/mm²	~ 30%
Load peaks (short time)	up to 0,80 N/mm²	~ 50%

TECHNICAL DATA

		Tolerance	Standard
Thickness	20 - 50 mm	± 2	
Lenght	1,20 m	± 2%	
Width	0,20 m	± 2%	
Density	500 kg/m³	± 10%	
Stress at strain 10%	0,05 N/mm²	± 10%	UNI EN ISO 29470
Static Modulus of Elasticity (Es) - strain 10%	0,55 N/mm²	± 10%	UNI EN ISO 29470
Dynamic Modulus of Elasticity (Ed) - strain 10%	1,80 N/mm²	± 10%	
Loss factor (η)	0,143	± 10%	
Thermal conductivity coefficient (λ)	0,120		UNI EN 12668
Inflammability	E		UNI EN 13501-2

ISOLGOMMA SILENCE MAKERS

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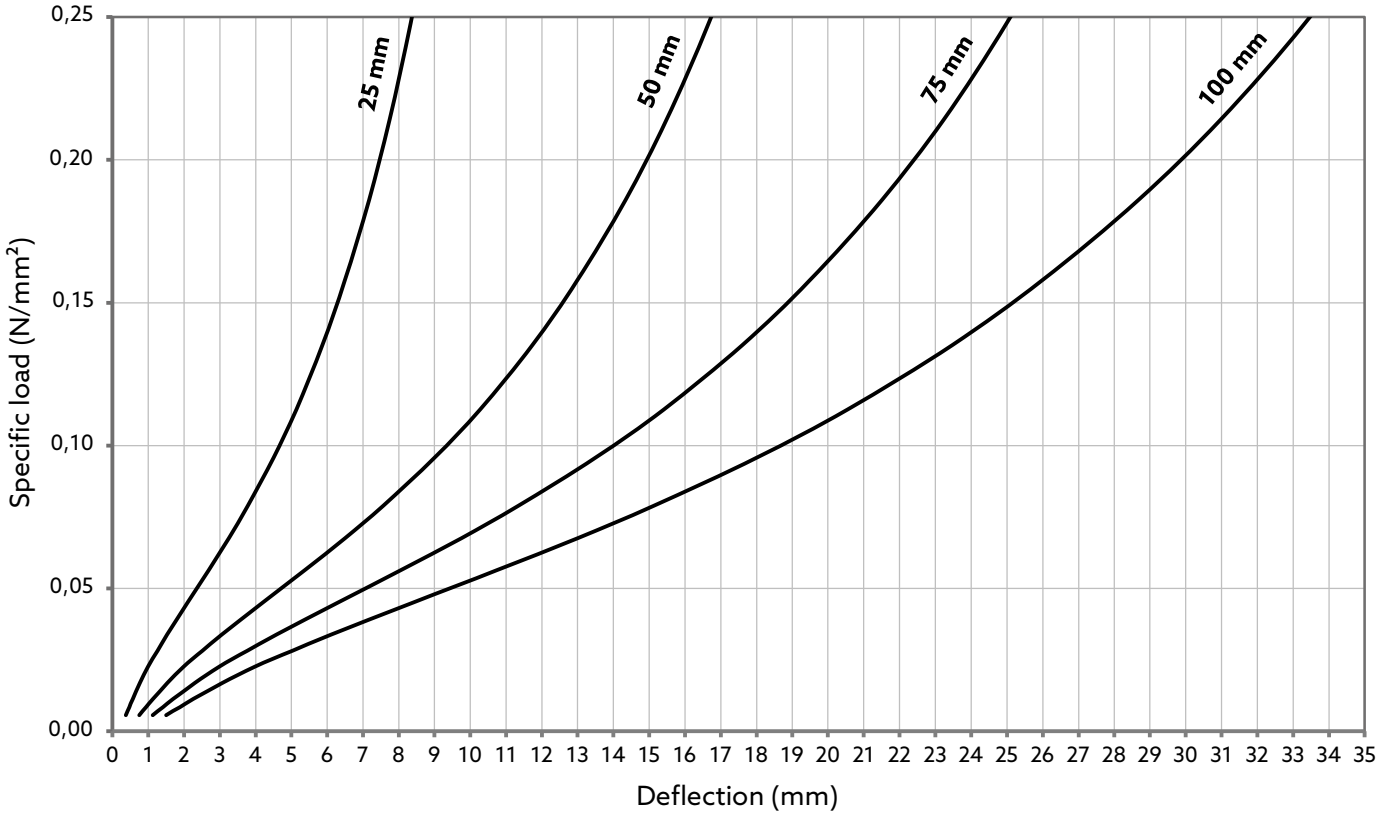
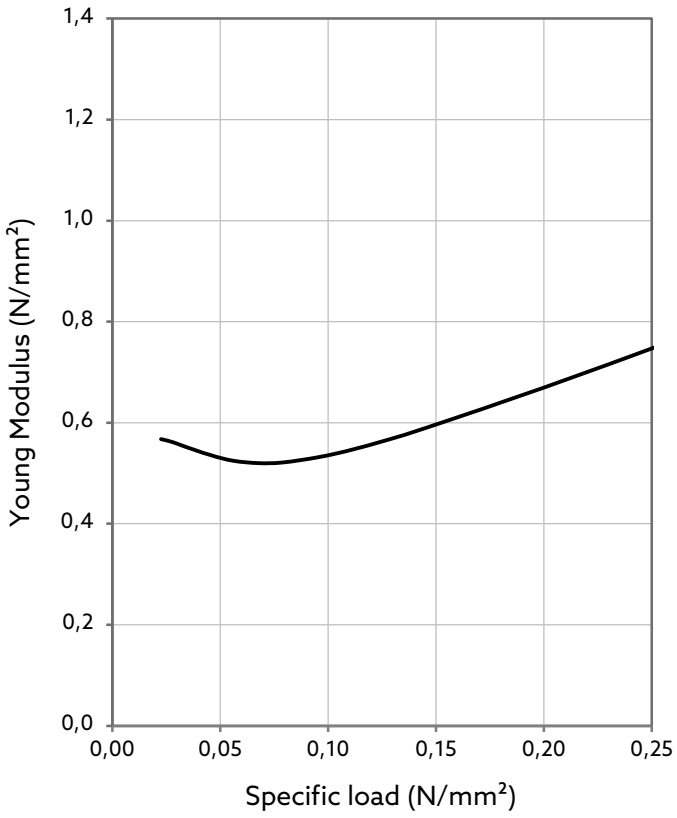
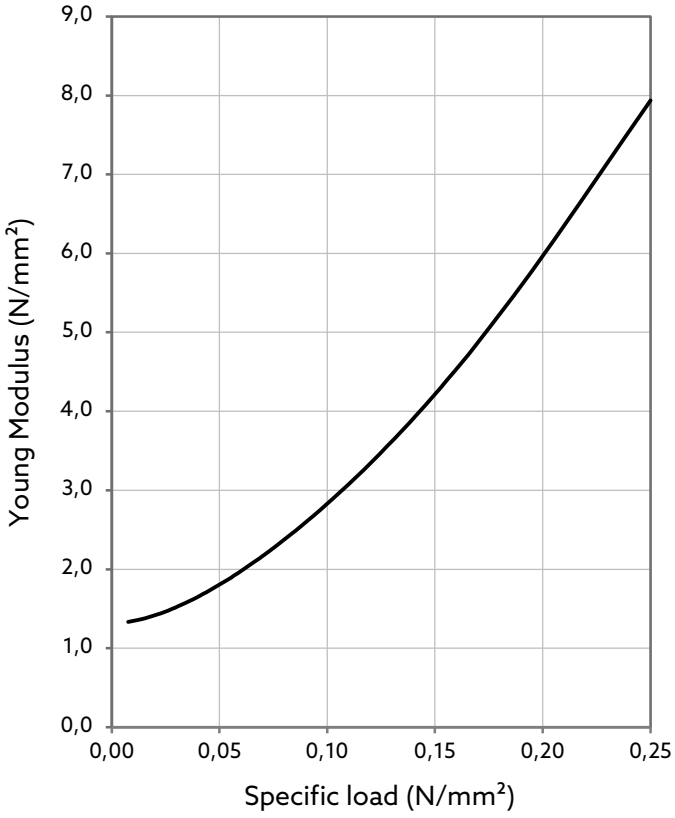
LOAD DEFLECTION CURVE



STATIC MODULUS OF ELASTICITY



DYNAMIC MODULUS OF ELASTICITY



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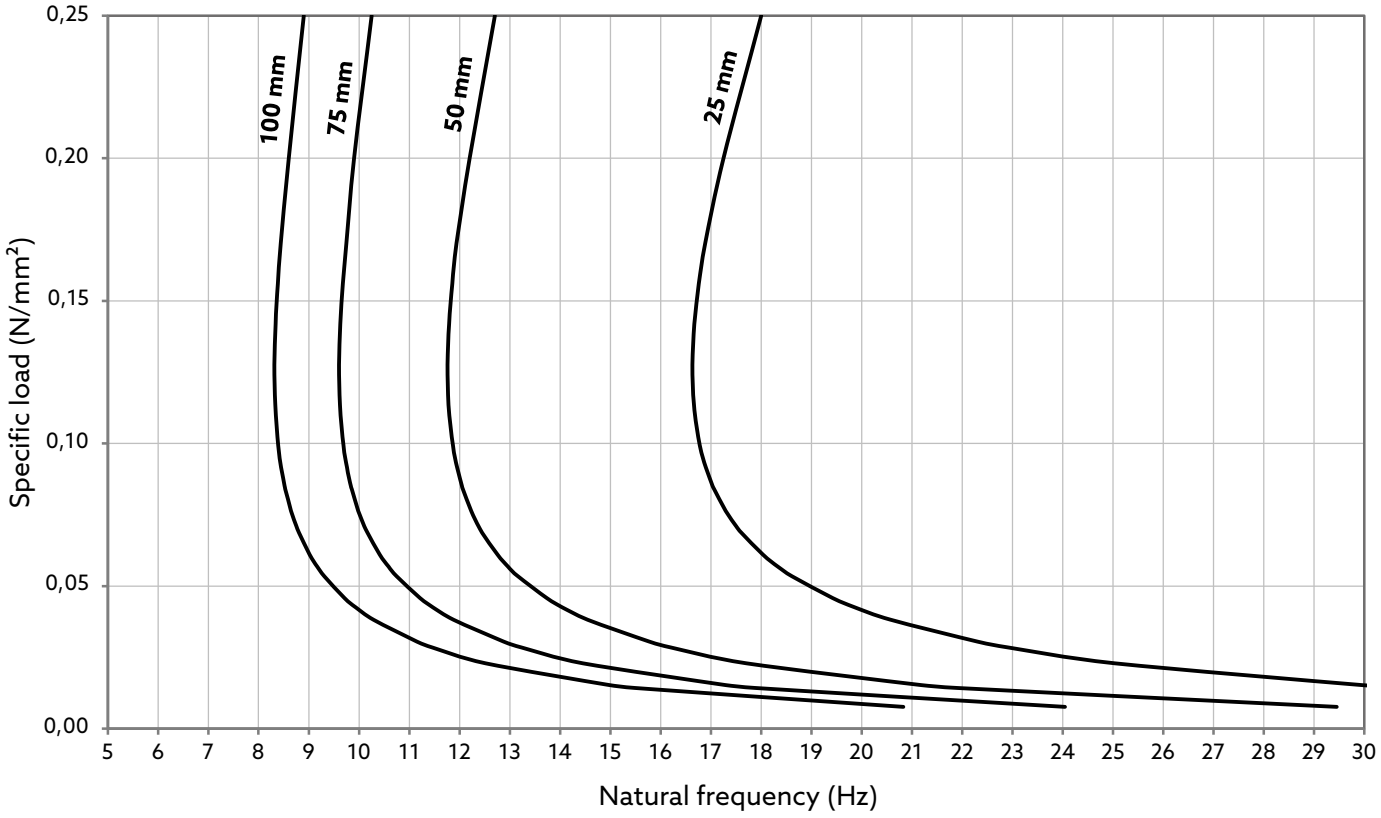
NATURAL FREQUENCY



VIBRATION ISOLATION EFFICIENCY