

TICO® Z/PA - Anti-Vibration Mounting Pad Datasheet

Product Code: RC1155

Product Description

TICO® Z/PA - Anti-Vibration Mounting Pad is a synthetic rubber bonded cork with exceptional anti-vibration properties extensively used in the mounting machinery sector and for structural applications.



Technical Specification

Property	Value
Maximum Load Bearing Capacity	1.4 MN/m ² (200psi) Although capable of high stress without breakdown, we recommend maximum compressive strain be limited to 20% in order to ensure a low creep rate.
Ultimate Breakdown	In excess of 4.5 x the maximum recommended working stress.
Static Deflection	See graph 1
Hardness	50° IRHD
Tensile Strength	3.0 MPa
Coefficient of Friction	0.69 TICO® to concrete 0.59 TICO® to bright mild steel
Temperature Range	-40°C to +100°C
Dimensional Stability	TICO® material is dimensionally stable under widely varying atmospheric conditions.
Thermal Conductivity	0.251 W/m.k
Edge Protection	For severe applications, pad edges are double coated during manufacture with Hypalon protective lacquer.



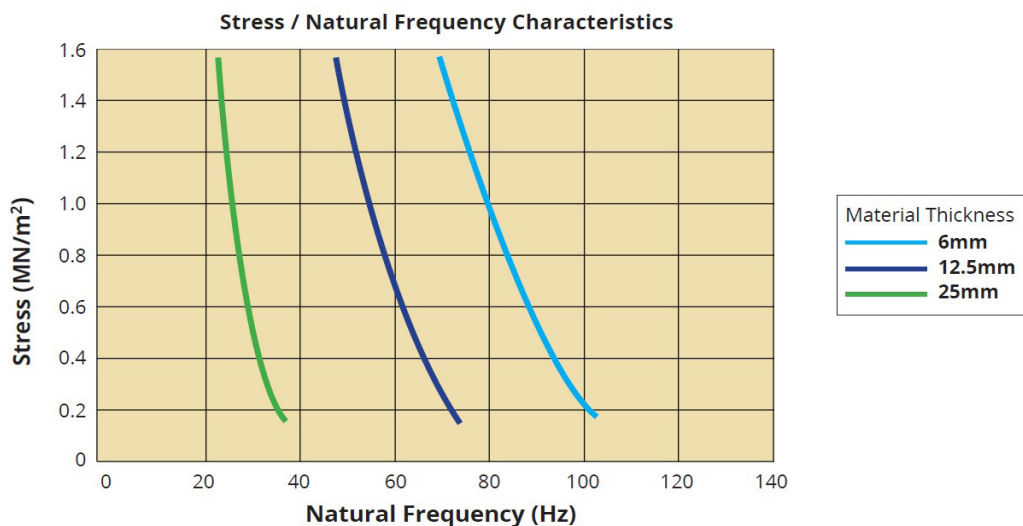
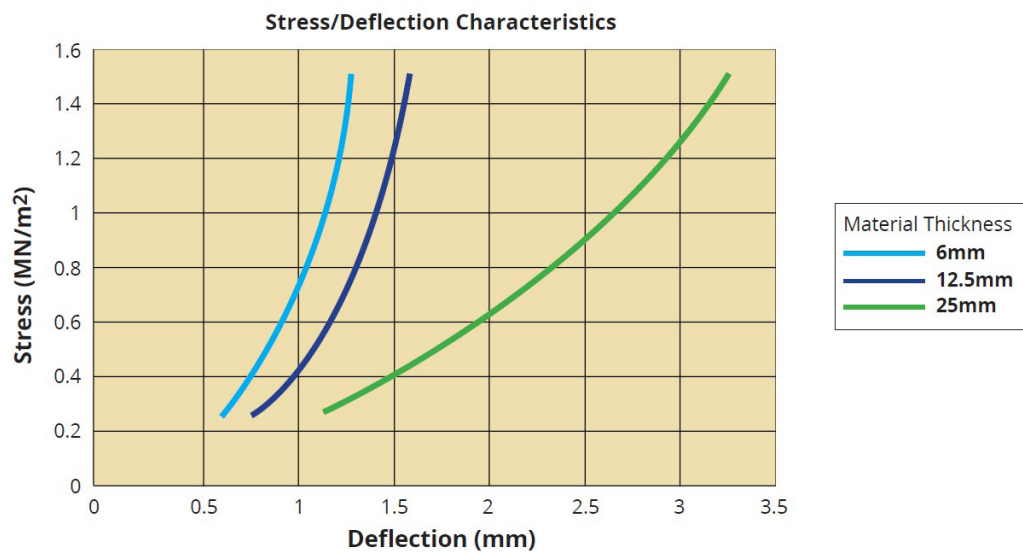
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Standard Dimensions

Property	Value
Standard Thickness	6mm, 12.5mm, 25mm
Maximum Sheet Size	1200mm x 1000mm

Static Properties in Compression

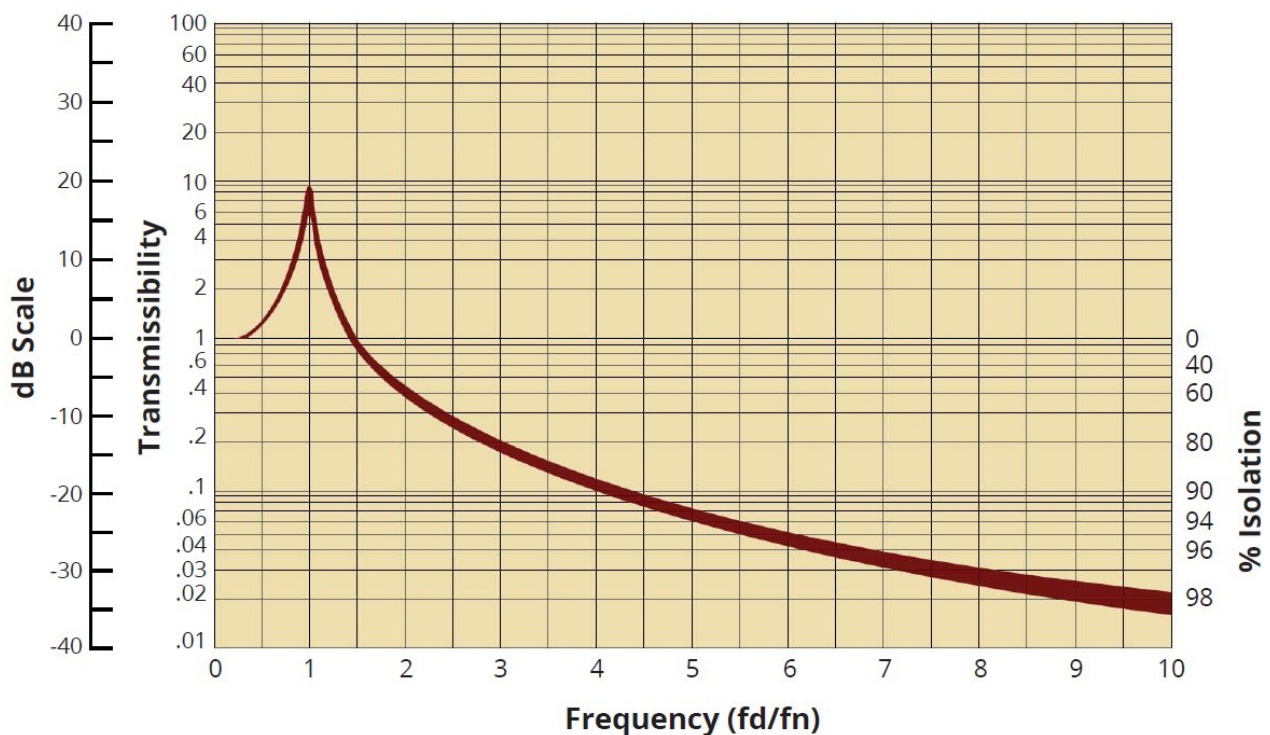


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Isolation Frequency

1. Ascertain disturbing frequency of plant to be isolated (f_d).
2. Calculate frequency ratio f_d/f_n .
3. From horizontal axis project a line up to curve of graph and read off isolation efficiency from right-hand side vertical axis.



Note: Installation should be arranged so the frequency ratio does not fall between 0.5 and 2.



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