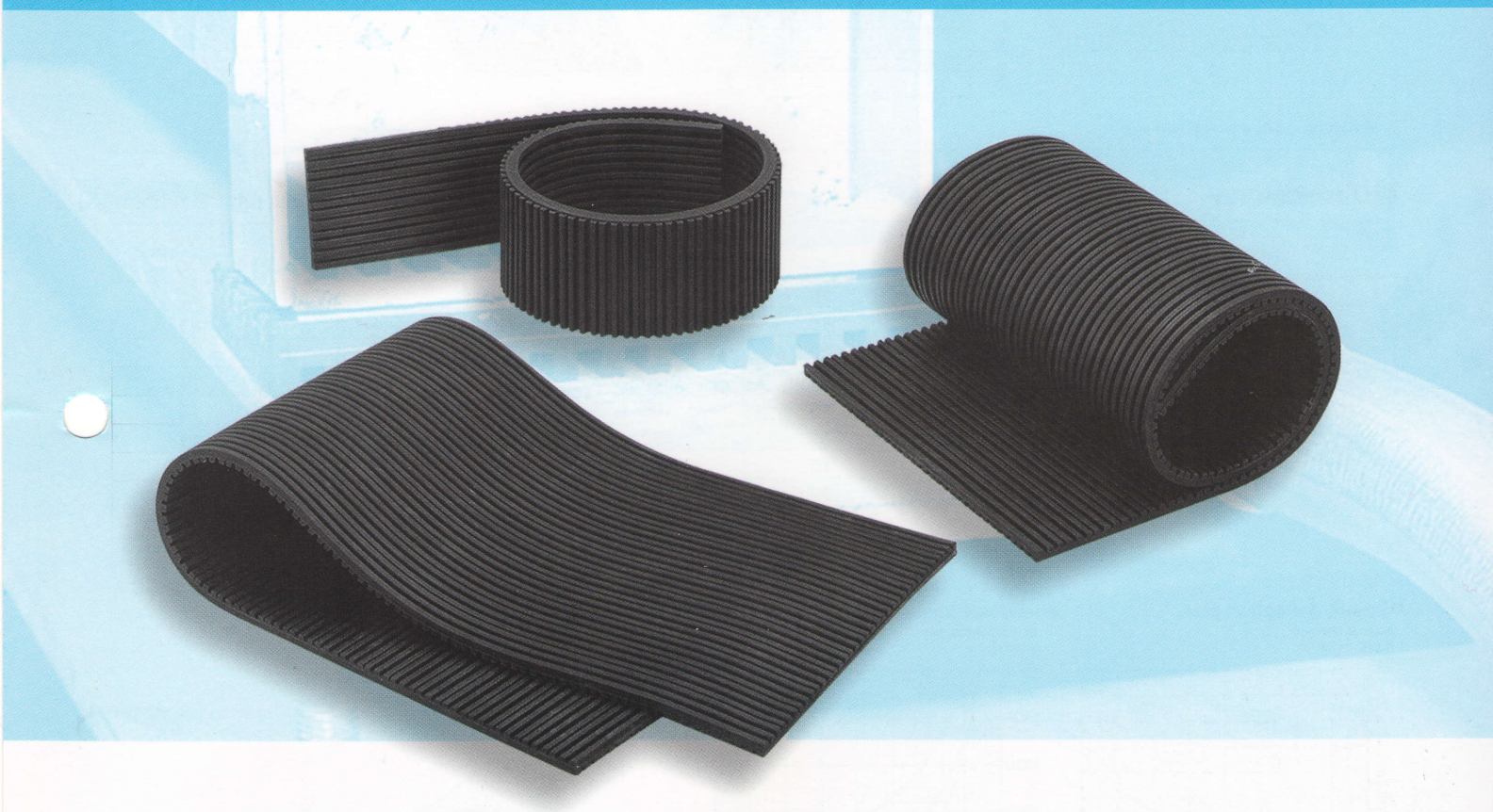
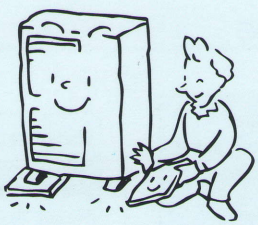
TOZEN

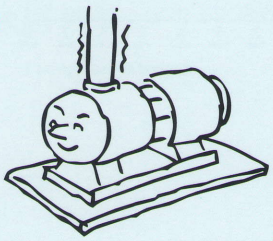
PT MAT SERIES OF ANTI-VIBRATION PADS WITH HIGH ISOLATION PROPERTIES



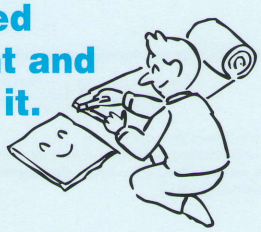
Easy Installation



Reduces Sound-proofing Require-ments



Many Uses Just cut off the required amount and install it.



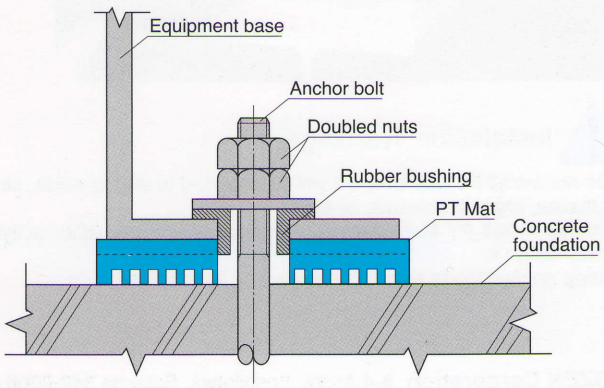
Features

Can be used as isolation for equipment or plumbing support, wherever noise reduction is required. The pads can be used for impact load dissipation, vibration absorption, and reduction of movement during earthquakes, depending on the type of PT Mat and the pad's shape.

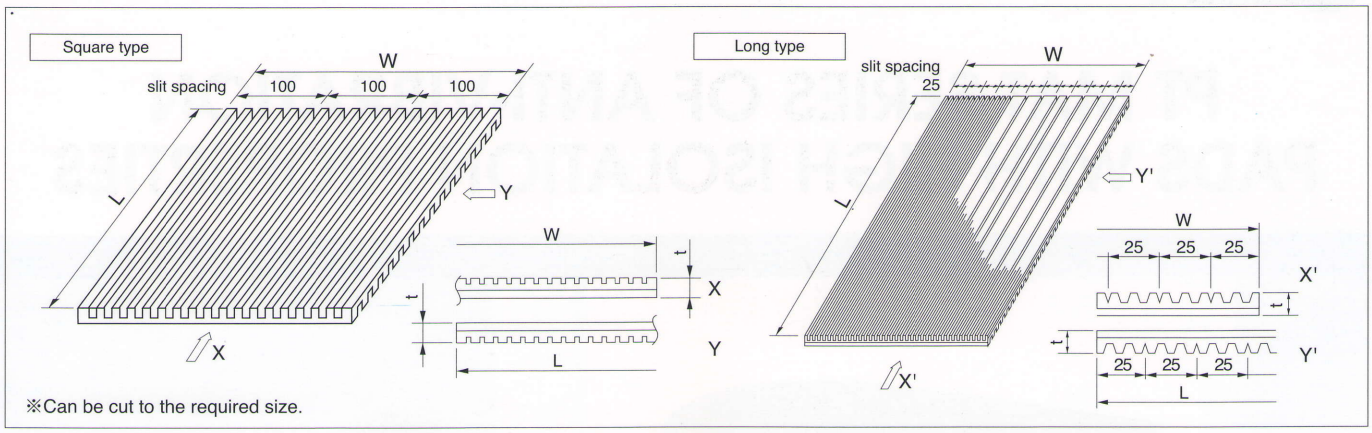
Applications

*Vibration reduction for pumps, packaging machinery, etc.
*Isolating pipes from their supports

Installation Diagram



Structure



※Can be cut to the required size.

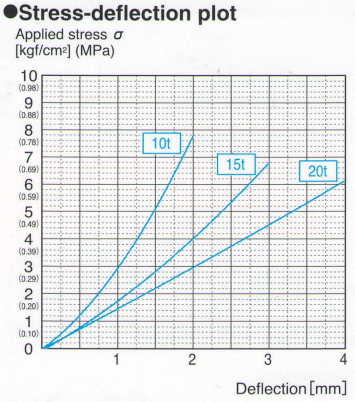
Dimensions

Material: natural rubber

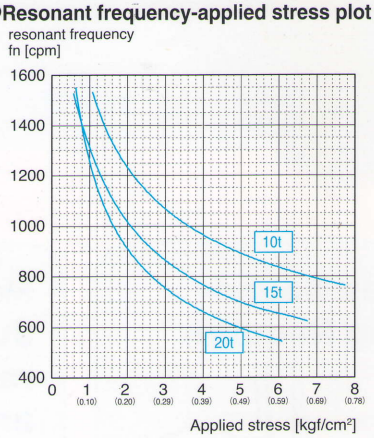
Type	Reference number	Dimensions (mm)			Mass kg	Quantity 1枚/梱包
		t	W	L		
Square type	PT-1030	10	300	300	0.9	20
Long type	PT-1100	10	100	1000	1.0	10
	PT-1150	10	150	1000	1.5	10
	PT-1300	10	300	1000	3.0	10
	PT-1510	15	100	1000	1.6	10
	PT-1515	15	150	1000	2.4	10
	PT-1530	15	300	1000	4.8	5
	PT-2010	20	100	1000	2.2	5
	PT-2015	20	150	1000	3.3	5
	PT-2030	20	300	1000	6.5	5

※Other sizes also available

●Stress-deflection plot



●Resonant frequency-applied stress plot

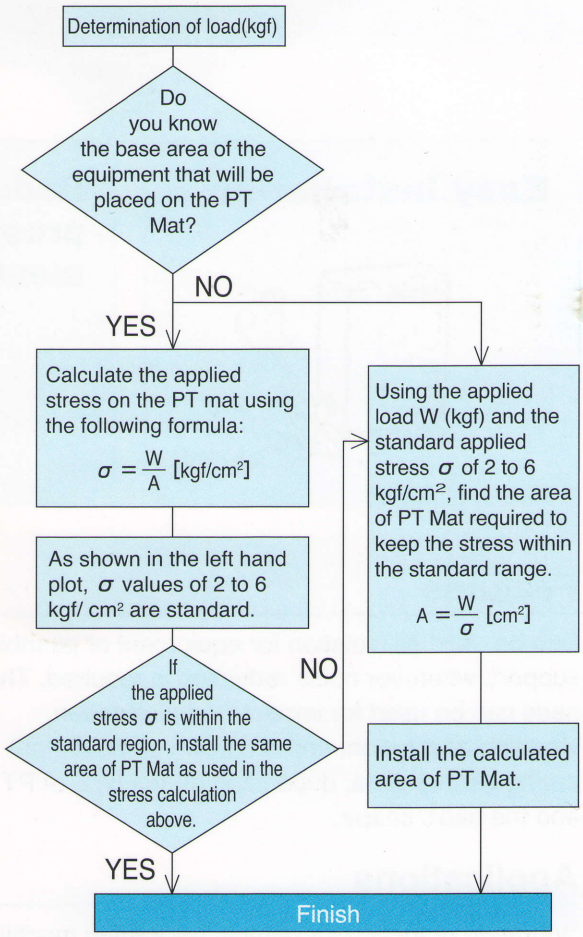


●Reference vibration transmissibility Tr %

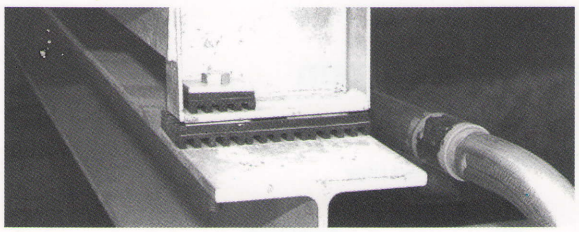
$$Tr = \frac{1}{\left|1-\left(\frac{f}{fn}\right)^2\right|} \times 100(\%)$$

f : equipment frequency (rpm)
fn: anti-vibration pad resonant frequency (cpm)
(The resonant frequency-stress characteristics are shown in Figure 2

Selection flowchart



Example Installation



Installation Warnings

* Do not install PT Mat where it will be exposed to strong acids, strong alkalies, organic solvents, or oil.
* Do not install PT Mat where sparks from welding or other activities may fall on it.
* Keep applied loads within the range of 2 to 6 kgf/cm².

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