VIKAS anti-vibration plate

Product description

Anti-vibration mount rubber sheet moulded in neoprene rubber with a hardness of 50° IRH. The RG sheet is resistant to oil and is anti static.

The sheet has longitudinal grooves on one side and transverse grooves on the other.

Application

The RG sheet is mainly used for isolation against vibrations from 40–50 Hz and above, i.e. in the audible frequency range.

The sheet is particularly suitable if the isolated machinery needs a relatively firm underlay, and at the same time isolation is required against structure-borne noise.

The sheet is used when installing tools, printing machinery, textile machinery, lift machinery and the like.

Assembly

The RG sheet can usually be fitted between the machine and the underlay. In many cases, the rubber sheet renders bolting the machine redundant and thereby avoids bolt holes in floors and ceilings. If several sheets are layered, a 2 mm steel plate is placed between each layer.

The sheet is cut with a clean, sharp knife. The cut sheet should be 5-10 mm larger than the machine foot so that the ability to fastening it to the floor is greater.

Dimensioning

The required sheet area is determined by the load. The normal static load distribution for RG8 is 3.5 kg/cm², creating a deflection of approximately 1.2 mm.

- Load in kg = RG8 sheet area (cm²) 3.5
- Load in kg = RG10 sheet area (cm²) 4.5

The RG8 sheet can absorb short-term loads of up to 4.3 kg/cm².

Larger deflection can be achieved by placing several sheets on top of each other.

Dimensions

- RG8 – 500 x 500 x 8mm
- RG10 – 500 x 500 x 10mm