



VC6400 Vibration Control material is an Engineered compound with Cork and Synthetic rubber. This product is suitable for external vibration control applications, specifically formulated to perform in longevity in the application environment when subject to the application conditions such as the presence of Ozone.

- maximum load 2,0 MPa (290psi)
- work load range 0.5 to 1,5 MPa (72 to 217 psi)
- temperature range -50 °C to 110 °C (-58 °F to 230 °F)

Specially designed to isolate the transmission of vibrations; to be used as external pads:

- Large HVAC equipment
- Industrial Machinery
- Transformers
- Reactors

Features

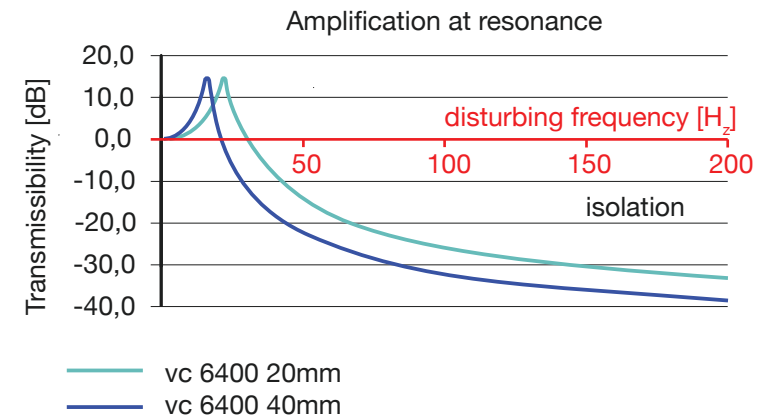
- Reduce vibration, absorb shock and structure borne noise
- Weather resistance
- Ozone resistance
- Available in thicknesses up to 50mm
- One layer material avoiding de-lamination issues
- Easy to fabricate into pads
- Retains original length and width under compression due to cork poisson ratio

Pad Design Guidelines

In order to have the best design approach, there are key factors to consider:

- Equipment (type and size), dimensional constraints and total weight
- Center of gravity (CG) to calculate the weight distribution between the mounting points
- Disturbing/ Excitation frequency and required isolation efficiency
- Operating temperature
- Environmental Conditions

Transmissibility



Read the Transmissibility by projecting a vertical line from the disturbing frequency to intercept the curve.

Transmissibility Analysis for a 150 x 150 pad