



Vibraflex 13 AL SB

Applications

Industry

Machine tools, fans, chip extractors, printing machinery, vibrators, electric motors, hydraulic components, packing machinery.

Transport and contracting

Motorcars, buses, trucks, contractor's machinery, forest machinery, aircraft.

Health care and large-scale kitchens

Kitchen sink units, dishwashing machines, dialysis machines, circulation pumps, air pumps, roller tables.

Buildings

Lifts, motor rooms, fans and ducts.

Offices

Computers, printers, picking and enveloping machines, copying machines.

Method of use

The pieces are cut or punched out to the desired shape and carefully pressed on to the surface to be damped. When applying, the surface must be free from oil, dirt, and dust.

Product characteristics

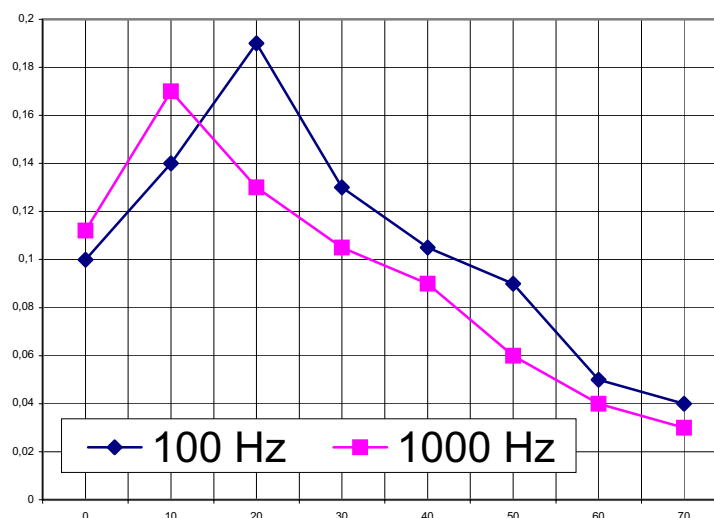
Vibraflex is a damping sheet for structure-borne sound made of soft aluminium with a visco-elastic damping layer.

Vibraflex has low weight, can be bent, and is self-adhesive.

Advantages

- Good damping of thin sheet metal
- Low weight
- Wear resistant
- Hygienic
- Water repellent
- Odourless
- Incombustible
- Long service life

Combined Loss factor, η Measured at 0,8 mm steel



Temperature, °C

Technical data

| | |
|---------------------------|--|
| Damping capacity | Loss factor according to diagram |
| Resistance to temperature | -25°C to +160°C |
| Fire class | Surface layer class 1 |
| Adhesive's tear strength | Approx. 15 N/cm test width |
| Colour | Metallic glossy |
| Thickness | 0.3 mm Al 0.1 mm Damping layer |
| Weight | 0.9 kg/m ² |
| Delivery format | 1000x1000 mm (other sizes and shapes can be supplied on request) |

Experiences

The shaping and positioning of the material is of major importance to achieve an optimal sound-dampening effect.

SONTECH has long experience of practical noise control projects in a wide range of industrial fields. These experiences can be a valuable addition to the laboratory data given in the datasheet.

SONTECH can also assist with advice and sound measurements for noise control and in the manufacture of customised material sets.

Designation system

| | |
|----------------------|----------|
| Vibraflex | VF |
| Relative loss factor | 13 |
| Aluminium surface | AL |
| Fire class 1 | SB |
| Order code | VF13ALSB |

