



Vibralon 25 SB

Applications

Industry

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

Transport och contracting

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

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

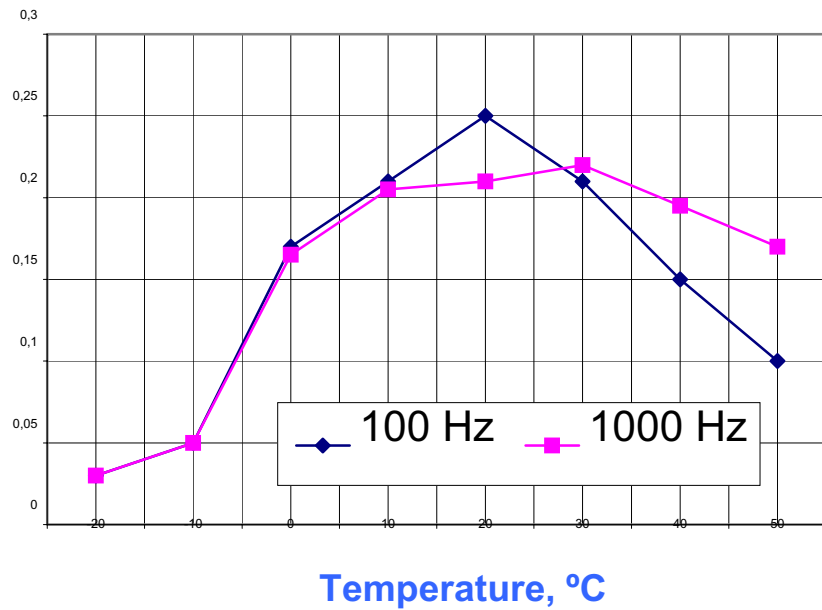
Vibralon 25 SB is a damping sheet for structure borne sound made of a visco-elastic polymer.

The product has low weight, is flexible and self-adhesive.

Advantages

- ❑ Good damping of thick sheet metal
- ❑ Good damping for a wide frequency range
- ❑ Odour less
- ❑ Difficult to ignite
- ❑ Easy to shape with heat
- ❑ Resistant to petrol and most chemicals
- ❑ Long life cycle

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



Technical data

Loss factor	See diagram. Geigersheet: 75dB/s
Resistance to temperature	-40°C till + 180°C
Fire class	Certified according to UL94-V0
Coefficient of thermal conductivity	$\lambda = 0,11 \text{ W/m}^\circ\text{C}$
Adhesive's tear strength	Approx 15 N/cm test width
Colour	Beige
Thickness	1,3 mm
Weight	1,6 kg/m ²
Delivery format	1000x1400 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

Vibralon	Vibralon
Relative Loss factor	25
Fire class UL94- V0	SB
Example of order code	Vibralon25SB

