

## STRASONIC® ACOUSTIC FOAM



### DESCRIPTION

STRASONIC® is a range of complex materials designed to provide the best acoustic isolation. Their structure is based on polyurethane foams or cellular rubber.

Their main function is to reduce airborne noise (Isolation, Absorption and Damping) in partial or complete enclosures of machinery.

### APPLICATIONS

The STRASONIC® material can be used in a range of applications such as : air conditioning, pumps, presses, compressors, electric motors, diesel engines, generator sets, gearboxes, turbines, agricultural or construction equipment and other machinery.

Due to their design, they are light, easy to handle and a self adhesive side simplifies the installation (depending on the type of foam).

# POLYURETHANE FOAM

CORRUGATED, WITH SELF ADHESIVE LAYER



## DESCRIPTION

**50 mm** of corrugated PU Ether absorption foam. **Self adhesive layer on one side.**  
Temperature range : from - 25°C to + 110°C.  
Fire resistance : M4.

## APPLICATIONS

- Air conditioning
- Fans
- Ventilation shaft
- Pumps
- Presses
- Air compressors

## DIMENSIONS

Reference	Lenght (mm)	Width (mm)	Thickness (mm)	Weight (kg)
<b>841000</b>	700	500	50	0,43
<b>841010</b>	2000	1400	50	3,44

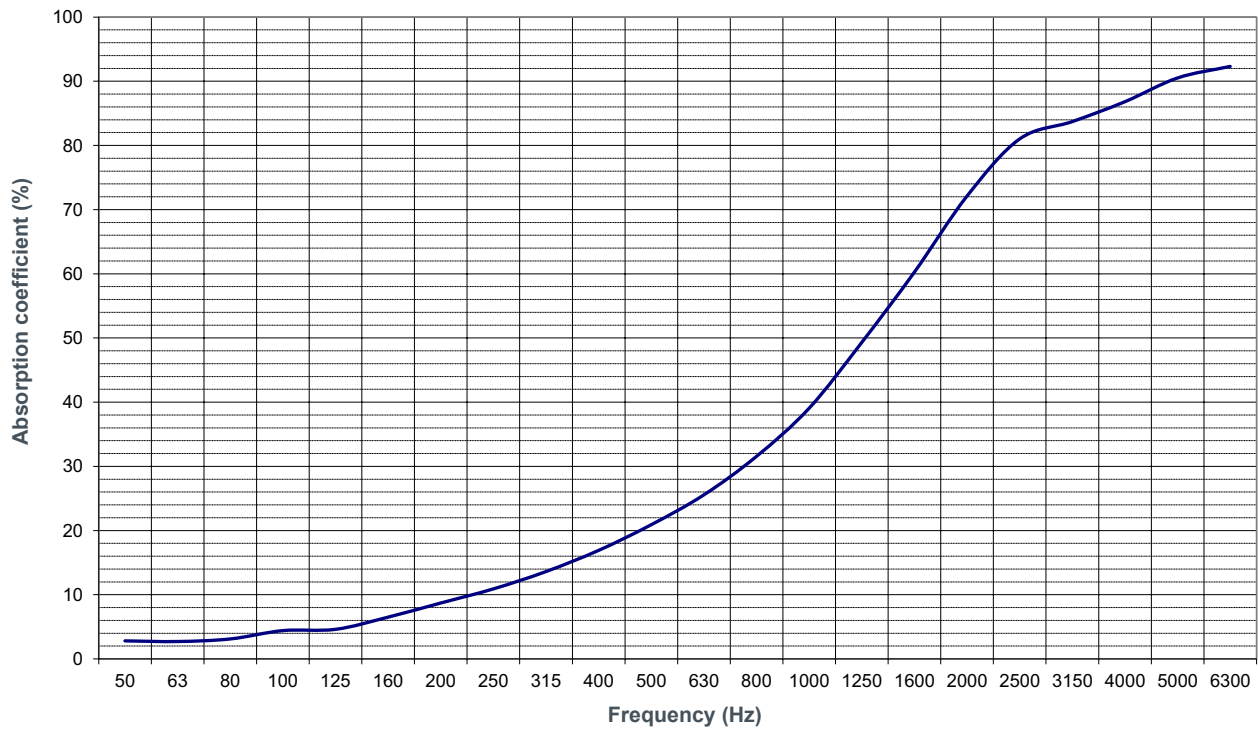
Tolerance :  $\pm 6$  mm

## ACOUSTIC PERFORMANCES

Average absorption factor K 65%.

Approximate gain on a 2 mm steel sheet : - 10 dB (A).

The corrugations increase the absorption surface by 40%.

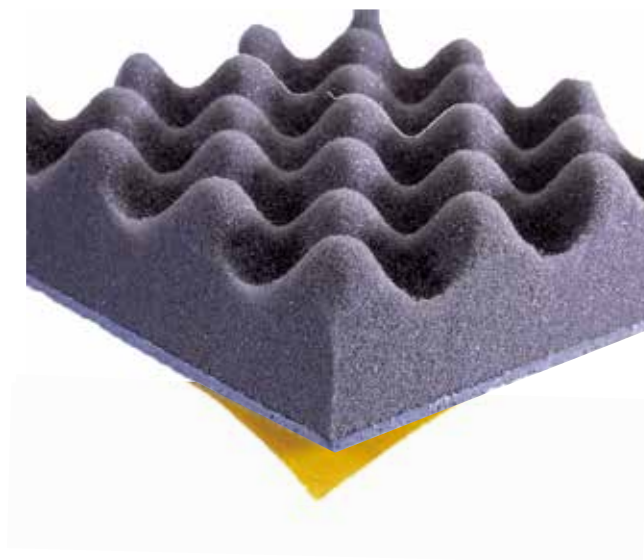


### — 841000 and 841010

The measures are made with 3 Kundt's tubes of different diametres to adapt the ranges of frequencies. This experiments are made according to the NF EN ISO 10534-2 standards.

# POLYURETHANE FOAM

CORRUGATED, WITH SELF ADHESIVE  
LAYER AND HEAVY WEIGHT



## DESCRIPTION

**50 mm** of heavy weight 5 kg/m<sup>2</sup>, corrugated PU Ether absorption foam bonded to **3 mm** of spring foam.

Temperature range : from - 25°C to + 110°C.

Fire resistance : M4.

## APPLICATIONS

- Air compressors
- Compressors
- Gearboxes
- Electric motors
- Presses

## DIMENSIONS

Reference	Lenght (mm)	Width (mm)	Thickness (mm)	Weight (kg)
841001	700	500	50	2,13
841001-50*	700	500	50	2,05

\*Self adhesive layer on one side.

Tolerance : ± 6 mm

## IMPLEMENTATION

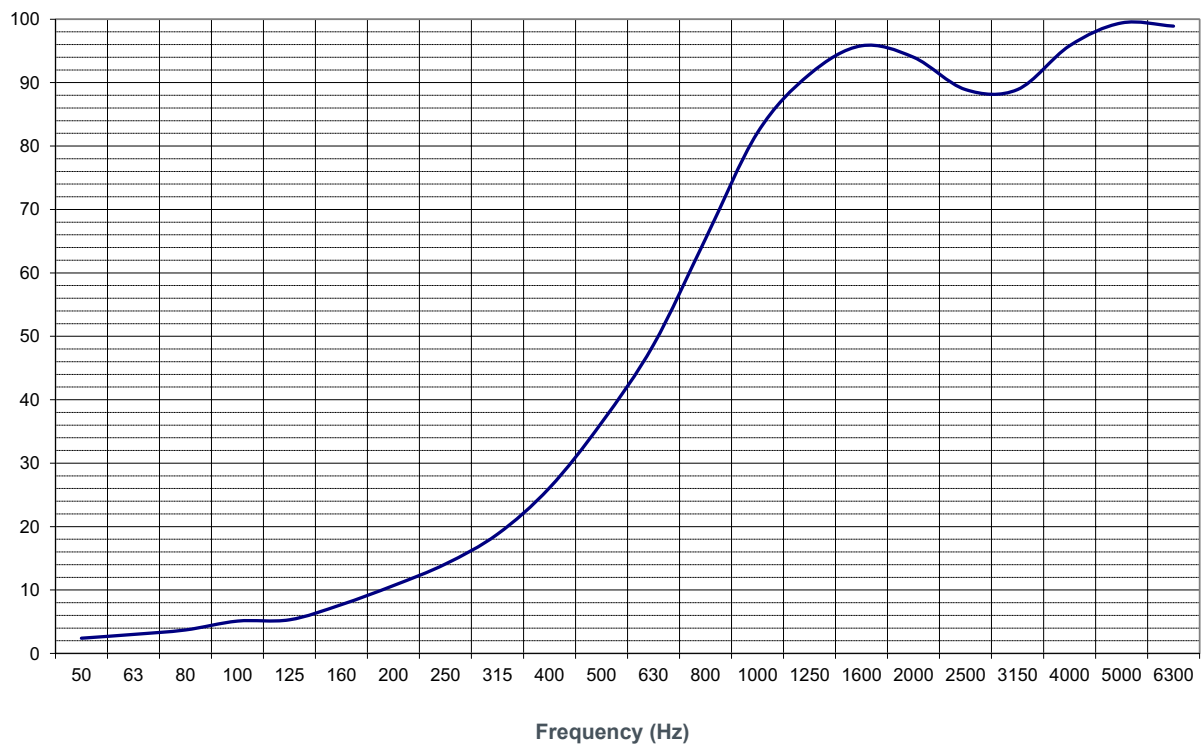
In order to glue foam 841001, we advise you to use a neoprene based adhesive.

## ACOUSTIC PERFORMANCES

Average absorption factor K 68%.

Approximate gain on a 2 mm steel sheet : - 25 dB (A).

Very good performance from 500 to 5 000 Hz.



### — 841001

The measures are made with 3 Kundt's tubes of different diametres to adapt the ranges of frequencies. This experiments are made according to the NF EN ISO 10534-2 standards.