



Acusticell SA

Applications

Industry

Factory machinery, fans, mills, printing and timber handling equipment, electric generating sets, generators, engines.

Transport and contracting

Scooters, Contractor's and Gardening Machinery.

Health care and large-scale kitchens

Vacuum Cleaners.

Office

Computers, Printers.

Method of use

The parts are cut or stamped to the required shape and carefully pressed on to a surface that must be free from oil, dirt, and dust.

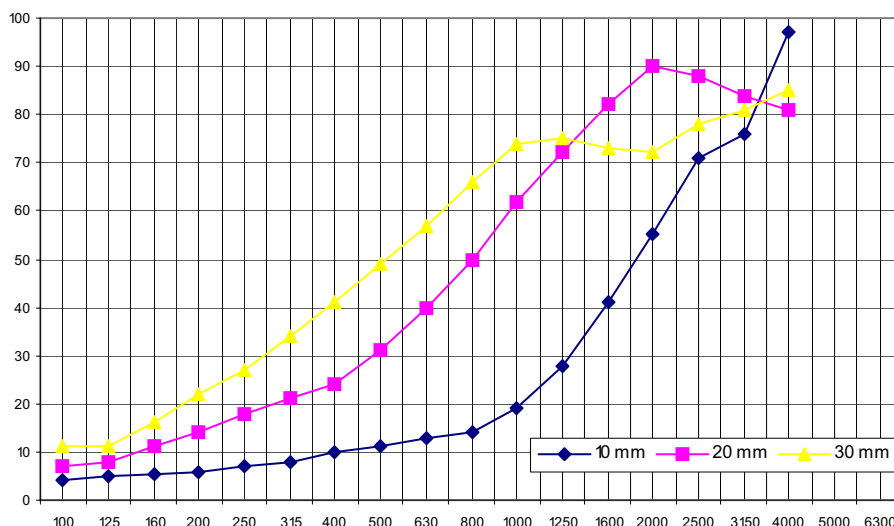
Product characteristics

Acusticell SA is a sound absorbing material of foamed polyurethane with open cells. The material can be bent and is self-adhesive. Can be combined with a mat for structure-borne sound damping and airborne sound insulation.

Advantages

- Good absorption
- Workable, also for 3-D applications
- Fire-resistant

Absorption Coefficient % (ISO 10534)



Frequency, Hz, Third Octave Bands

Technical data

Sound absorption	See diagram
Resistance to temperature	-40°C to +120°C
Fire class	Certified according to UL94 HF-1
Coefficient of thermal conductivity	$\lambda = 0.036 \text{ W/m}^\circ\text{C}$
Adhesive's tear strength	Approx. 15 N/cm test width
Colour	Grey foam
Thickness	10, 15, 20 or 30 mm (other thicknesses can be supplied on request)
Density	Approx. 33 kg/m ²
Delivery format	1000x2000 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

Acousticcell	AC
Thickness in mm	10, 15, 20 or 30
Fire class UL94 HF-1	SA
Example of order code	AC20SA

