

STRASONIC®

New !



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.

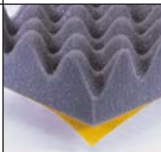
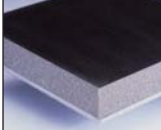
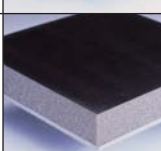
APPLICATIONS

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 (Sheets of 500 mm x 500 mm or 500 mm x 700 mm) they are easy to handle, light and a self adhesive side simplifies the installation (depending of the type of foam).

CHARACTERISTICS OF THE STRASONIC® RANGE

POLYURETHANE FOAMS

Reference	Structure	Composition and properties	Acoustic performances	Applications
841000		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/UL94.	Average absorption factor K: 65% Approximate gain on a 2 mm steel sheet: - 10 dB (A). The corrugations increase the absorption surface by 40%.	- Air conditioning, - Fans, - Ventilation shaft - Pumps - Presses, - Air compressors, ...
841001 841001-50		50 mm of heavy weight 5 kg/m², corrugated PU Ether absorption foam bonded to 3 mm of spring foam. Temperature range: from - 25°C to + 110°C. Fire resistance: M4/UL94.	Average absorption factor K: 68%. Approximate gain on a 2 mm steel sheet: - 25 dB (A). Very good performance from 500 Hz to 5000 Hz.	- Air compressors, - Gearboxes, - Presses, - Compressors, - Electric motors , ...
841002		100% waterproof black PU film bonded to 25 mm of heavy weight 5 kg/m² corrugated PU Ether absorption foam bonded to 3 mm of spring foam. Temperature range: from - 25°C to + 110°C. Fire resistance: M4/UL94.	Approximate gain on a 2 mm steel sheet: - 20 dB (A). Very good performance from 125 Hz to 4000 Hz.	- Generator sets, - Agricultural and Construction, equipment machines, - Electric and Diesel engines, - Compressors, Pumps, - Turbines - Test benches, ...

Reference 841001-50: Self adhesive layer on one side version.

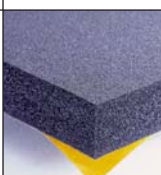
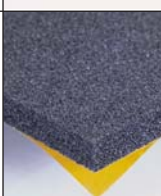

Format: sheets of 500 mm x 700 mm.

To adhere the sheets (part number 841001 and 841002) we recommend the STRAGLUE®

Ref.	Packaging	Color	Density	Drying time	Temperature resistance	Solver	Advised quantity
841010	Can 5 litres	Soft brown	0.89 g/ml	1 to 3 minutes	≈ 80°C	Hydrocarbon	120 g/m²/face
841011	Can 1 litre	Soft brown	0.89 g/ml	1 to 3 minutes	≈ 80°C	Hydrocarbon	120g/m²/face

Please consult us for availability of the adhesive (non stocked item).

CELLULAR RUBBER

Reference	Structure	Composition and properties	Acoustics performances	Applications
841003		NBR based waterproof cellular rubber, thickness 33 mm. Self adhesive layer on one side. Temperature range static from - 40°C to + 105°C continuous. Very good resistance to oil, ozone, air and UV. Fire resistance: M4/FMVSS 302.	Average absorption factor K ≥ 30% from 500 Hz. Very good acoustic performance in high frequencies above 2500 Hz. Approximate gain on a 2 mm steel sheet: - 10 dB (A) at 2500 Hz / - 20 dB (A) at 5000 Hz.	- Sand blasting systems, Saws, - High speed drills, - Vacuum pumps, - Injection presses, - Gearboxes...
841004		EPDM based cellular rubber with half closed cells. Thickness 15 mm. Self adhesive layer on one side. Temperature range continuous from - 40°C to + 130°C. Very good resistance to air, ozone and UV. Very flexible. Good ageing resistance. Waterproof if slightly compressed. Fire resistance: FMVSS 302.	Average absorption factor K ≥ 30% from 600 Hz. Very good acoustic performance in high frequencies above 2000 Hz. Approximate gain on a 2 mm steel sheet: - 8 dB (A) at 2500 Hz / - 20 dB (A) at 5000 Hz.	- Air Jet positioning, - Sand blasting systems, Saws, - High speed drills, - Vacuum pumps, - Injection presses, - Gearboxes...
841005		EPDM based cellular rubber half closed cells. Thickness 22.5 mm. Self adhesive layer on one side. Temperature range continuous from - 40°C to + 130°C. Very good resistance to air, ozone and UV. Very flexible. Good ageing resistance. Waterproof if slightly compressed. Fire resistance: FMVSS 302.	Average absorption factor K ≥ 30% from 500 Hz. Very good acoustic performance in high frequencies above 2000 Hz. Approximate gain on a 2 mm steel sheet: - 10 dB (A) at 2500 Hz / - 27 dB (A) at 5000 Hz.	- Air Jet positioning, - Sand blasting systems, Saws, - High speed drills, - Vacuum pumps, - Injection presses, - Gearboxes...

Format: sheets of 500 mm x 500 mm.