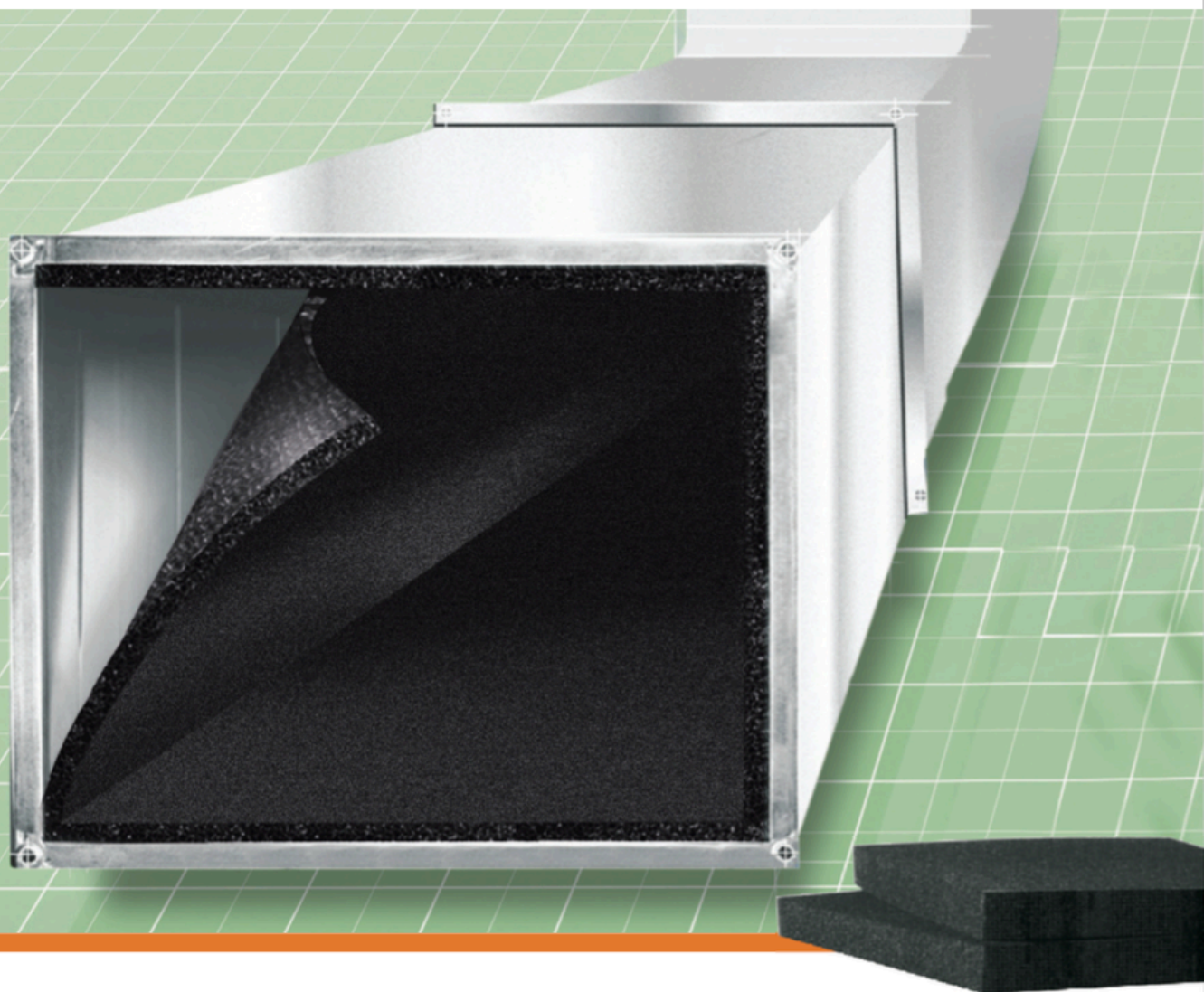




ArmaSound

SUPER SILENCE

Ductliner

WITH



Fibre Free, Super Silent & Microbe Resistant



is engineered for a Fibre Free,
Super Silent & Microbe Resistant approach to duct noise control



▶ Your Benefits

- ✦ **Reduces Ducts Air Side Noise Substantially:** Through its engineered pore geometry, formulation and composition, this material can offer substantially higher acoustic energy absorption. High NRC (Noise Reduction Coefficient), High Insertion Loss and High STC (Sound Transmission Class) reduce noise generated by air side equipment and air movement, giving more productive work environment.
- ✦ **Active Anti-Microbial Protection 24x7:** Microban® anti-microbial protection is built into ArmaSound Super Silence Ductliner during the manufacturing process, giving continuous active protection against microbial growth and provides the basis for a continuous system hygiene.
- ✦ **Improved Indoor Air Quality:** Microbial resistance, fibre free, formaldehyde-free and non-particulating.
- ✦ **Noise Blocking and Vibration dampening:** Reduces rattle and vibration of sheet metal air ducts.
- ✦ **Easy Installation:** No mastics / bitumen, no perforated sheets and tissue paper required.
- ✦ **Longer life:** Hydrophobic and non-particulating property gives effective performance for useful lifetime of the product.

▶ Uses and Application

- ✦ **ArmaSound**  *Ductliner* WITH  **Microban** is ideal for air handling systems, VAV units, ducts and in general all air side systems. It is specially recommended for areas like commercial buildings, public buildings, hotels, hospitals, schools and clean room applications.

Say 'No' to Microbes and 'Yes' to Clean Air !



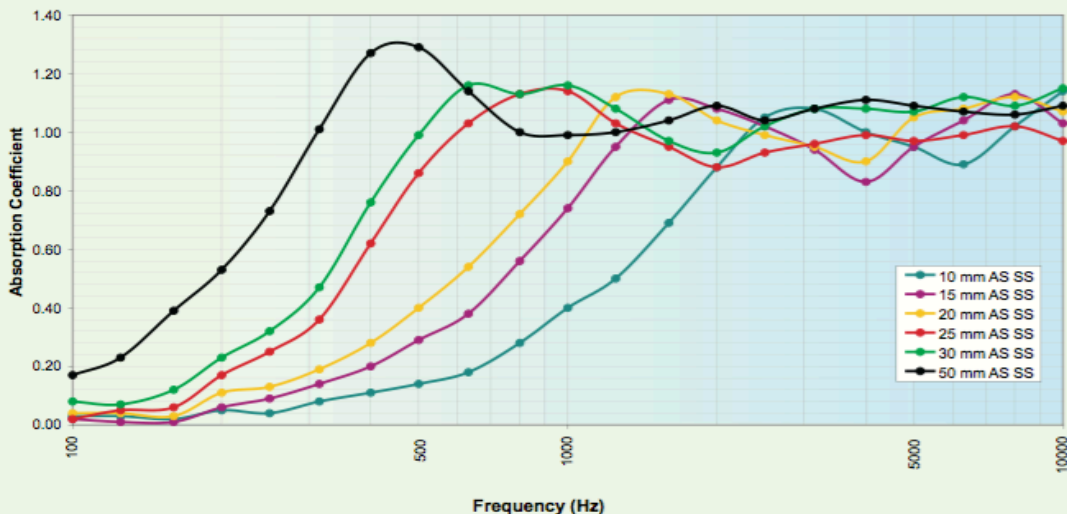
✦ How does Microban® product protection work ?

Microban® antimicrobial product protection technology, gives an enhanced level of protection against harmful microbes such as **bacteria, mold, mildew and fungi**

- ✦ **When microbes come in contact with the product surface,**  **antimicrobial product protection, penetrates the cell wall of the micro-organism, disrupting the cell functions and disabling its ability to function, grow and reproduce**
- ✦ The  antimicrobial protection is built in during the manufacturing process, and becomes an intrinsic part of the product inside and at the surface. Therefore it will not wash off or wear away
- ✦ Engineered to provide continuous product protection for the useful lifetime of the product
- ✦ Microban® antimicrobial technology has undergone extensive independent laboratory testing, has a long history of safe use and is registered with Environment Protection Agency, USA

Acoustic Performance

RISAC of ArmaSound Super Silence Ductliner



Measured in accordance to ISO 354 at Sound Research Laboratories Limited, UK

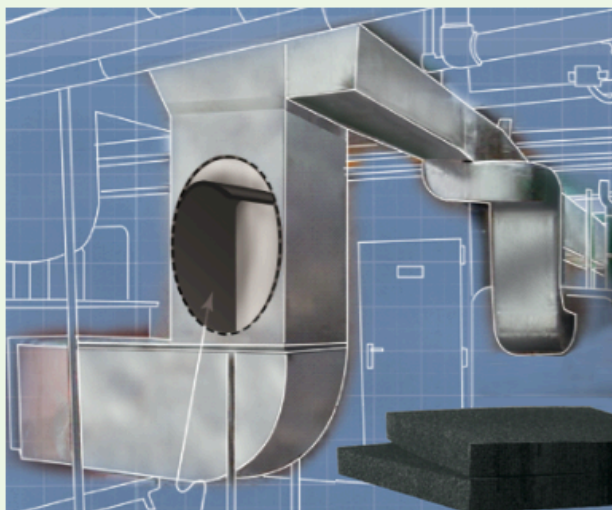
Technical Data



Property	Values	Remarks
Material	Nitrile Rubber base, open cell Elastomeric Foam	
Colour	Black	
Thickness	6 mm to 50 mm	for temperatures below -20° C and above +85° C, consult our Technical Department
Max. Surface Temperature for Pipe Surface	+105° C	
Max. Surface Temperature for Flat Surfaces	+85° C	
Min. Surface Temperature	-20° C	
Thermal Conductivity	0.047 W/m.K @ 20°C*	in accordance to DIN EN 12667
Sound Absorption	Excellent	refer the above RISAC curves
Fungi Resistance	Pass	in accordance to ASTM G 21
Bacterial Resistance	Pass, >99.9% reduction in bacterial growth	in accordance to ASTM E 2180
Fire Performance	Class 1	surface spread of flame according to BS 476 Part 7:1997
	UL 94 (HBF, HF 1 & HF 2)	in accordance to UL 94,1996
Density	140 - 180 Kg/m ³	
Tensile Strength	100 - 125 kPa*	in accordance with DIN EN ISO 1798
Elongation	34 - 41 %*	in accordance with DIN EN ISO 1798
Resistance to chemicals	Organic Solvents Very Good Dilute inorganic acids & bases Very Good Mineral oils Very Good	
Health Aspects	Resistant against microbial growth Dust & Fibre Free	
UV Resistance	Material must be protected from direct Sun light exposure (UV radiation)	

Armaflex Adhesive 520 is recommended

Application Areas



- ✚ The IAQ Acoustic Insulation for air ducts
- ✚ Made with Microban® antimicrobial protection
- ✚ Reduces Duct / Air Side Noise

Fibre Free, Super Silent & Microbe Resistant



Thickness† mm	Width* m	Length* m	m ² / Carton
6	1	1	28
10	1	1	17
15	1	1	12
20	1	1	9
25	1	1	7
30	1	1	6
40	1	1	4
50	1	1	3

† Sheet thickness tolerance for 6 - 20 mm : -1 to +2 mm, for 25 - 50 mm : ±2 mm

* Length / Width tolerance : ±10 mm

