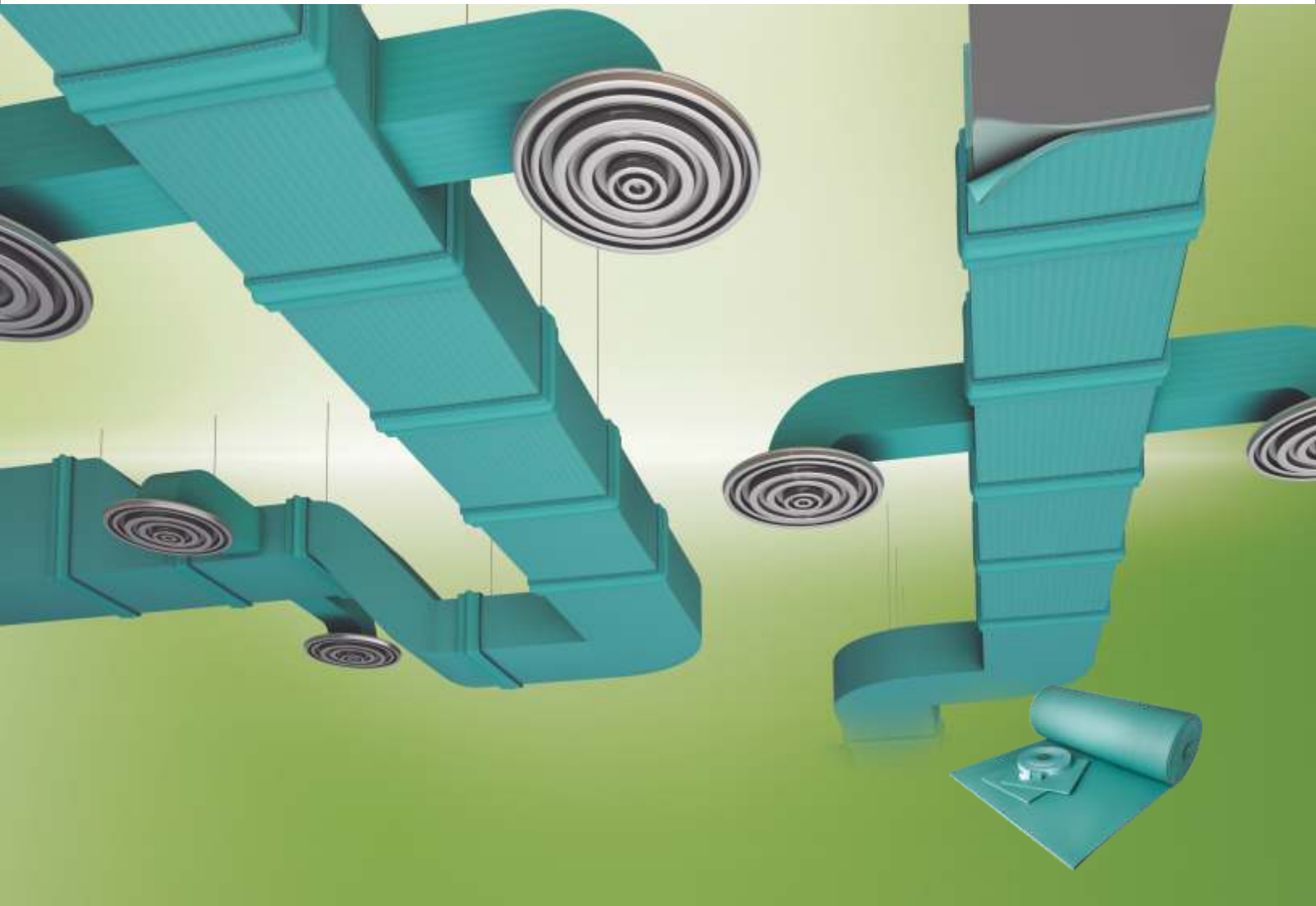


Armaflex® Class 0 Plus

ANTI-MICROBIAL DUCT INSULATION
FOR ENHANCED INDOOR AIR QUALITY



- Active protection against microbes such as bacteria and fungi/mold/mildew
- Promotes better indoor air quality
- Increased long term thermal efficiency
- Lifelong built-in product anti-microbial protection
- EPA Approved
- Extremely low thermal conductivity, $\lambda_0 \text{ }^\circ\text{C} \leq 0.033 \text{ W}/(\text{m} \cdot \text{K})$
- Very high water vapour diffusion resistance, $\mu \geq 10,000$



Technical Data - Armaflex Class O Plus

Brief description	Highly-flexible, closed-cell insulation material with high water vapour diffusion resistance, low thermal conductivity and built-in antimicrobial protection.					
Material type	Elastomeric foam based on synthetic rubber (NBR)					
Colour	Green					
Material Special Information	Made with Microban®* - antimicrobial product protection					
Product Range	Available in sheets, in 8 mm, 12 mm, 18 mm, 23 mm & 30 mm thickness; 1000 mm wide rolls. Self adhesive sheets are also available					
Applications	Insulation for air-conditioning / air ducts, to prevent condensation and save energy.					
Safety and Environment	ODP zero GWP zero Dust & fibre free					
Assembly	Light weight. Closed cell structure means no additional vapour barrier is required.					
Property	Value/Assessment					Special Remark
Temperature Range						
Temperature Range	max. service temperature	+ 85 °C		(+ 85 °C if sheet or tape is glued to the object with its whole surface.)		Tested acc.to EN 14706 and EN 14304
	min. service temperature	+ 7 °C		(0 °C in case of SA Sheets)		
Thermal Conductivity						
Thermal Conductivity	ϑ_m	0		+20	+40	Tested acc. to EN 12667
	λ	≤	0.033	0.035	0.037	
Water vapour diffusion resistance						
Water vapour diffusion resistance	μ	≥	10,000			Tested acc. to EN 12086
Fire performance						
Reaction to fire	Fire performance acc. to building regulation		Class O			Surface Spread of Flame:tested acc to BS 476 Part 7:1997 Fire Propagation: tested acc to BS 476 Part 6:1989
	Surface Spread of Flame		Class 1			
	Fire propagation		Total index performance (I) ≤ 12 Sub index (i _s) ≤ 6			
Other Fire Class	FM Approved UL 94 - HB, V-0					Tested acc. to UL 94
Practical Fire Behavior	Self-extinguishing, does not drip and does not spread flames					
Chemical behaviour	Excellent resistance to ozone, oil and chemicals (consult product test list)					
Storage & Shelf life	Shall be stored in dry & clean area. Away from direct Sunlight Self adhesive tapes, self-adhesive sheets: 1 year					
Antimicrobial behaviour	Fungi resistance	No fungal / mould growth				Tested acc. to DIN EN ISO 846 method A
	Bacterial Resistance	No bacterial growth				Tested acc. to DIN EN ISO 846 method C
	EPA Approved					

*Microban is EPA (Environment Protection Agency), USA Approved.

All data and technical information are based on results achieved under typical application conditions. Recipients of this information should, in their own interest and responsibility, clarify with us in due time whether or not the data and information apply to the intended application area. Installation instructions are available in our Armaflex installation manual.

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