

Class 0 Armaflex®

FLEXIBLE INSULATION TO PREVENT
CONDENSATION AND ENERGY LOSSES



- Reliable condensation control
- Effective reduction of thermal losses
- Class 0 Fire Performance
- Thermal conductivity $\lambda_{0^\circ\text{C}} \leq 0.034 \text{ W/(m} \cdot \text{K)}$
- Water vapour resistance $\mu \geq 7,000$

Technical Data - Class 0 Armaflex

Brief description	Flexible, closed-cell insulation material				
Material type	Elastomeric foam based on synthetic rubber				
Colour	Black				
Material Special Information	Self-adhesive coating: pressure-sensitive adhesive coating on modified acrylate basis with mesh structure. Covered with polyethylene film. Traces of silicon can be found on the protective film used on self-adhesive closures.				
Applications	Insulation / protection to control condensation, reduce energy losses and protect against frost on pipes, air ducts and vessels (incl. elbows, fittings, flanges etc.)				
Safety and Environment	ODP zero GWP zero Fibre dust free				
Assembly	Light weight and flexible. Closed cell structure means no additional vapour barrier is required.				
Property	Value/Assessment			Test ^{*1}	Special Remark
Temperature Range					
Temperature Range	max. service temperature min. service temperature ¹	+ 110 °C -50 °C	(+ 85 °C if sheet or tape is glued to the object with its whole surface.)		Tested acc.to EN 14706, EN 14707 and EN 14304
Density	65 kg / m3				
Thermal Conductivity					
Thermal Conductivity	ϑ_m 0		[°C]	$\lambda =$	Tested according to DIN EN 12667 EN ISO 8497
	$\lambda \leq 0.034$		W/(m · K)	$[34 + 0.1 \cdot \vartheta_m + 0.0008 \cdot \vartheta_m^2]/1,000$	
Water vapour diffusion resistance					
Water vapour diffusion resistance	μ				

1. For temperatures below -50 °C please contact our Customer Service Center to request for the corresponding technical information.

2. The reaction to fire classification is valid on metal or solid, mineral surfaces.

*1 Further documents such as test certificates, approvals and the like can be requested using the registration number given.

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. Please consult our Customer Service Center before insulating stainless steels. For some refrigerants the discharge temperature may exceed +110 °C, please consult our Customer Service Center for further information. Armaflex 520 or Armaflex HT 625 Adhesive must be used to guarantee proper installation. For outside use, Armaflex should be protected with a suitable outer covering within 3 days of installation.

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