



Class 0 Armaflex® duct

Class 0 Armaflex® DUCT

Flexible duct insulation: Clean, dust & fibre free with a zero ODP

- ▶ Compliant with Building Regulations Part L Energy Saving Legislation
- ▶ High Flexibility for Ease of Fitting
- ▶ Non-Wicking to Reduce Water Presence in System and Insulation





CLASS O ARMAFLEX DUCT - Flexible duct insulation: Clean, dust & fibre free with a zero ODP

Highly flexible Class O Armaflex Duct is designed for the insulation of both, rectangular and circular ductwork - matching contours exactly.

Class O Armaflex Duct offers an excellent thermal performance, complying fully with the Building Regulations Approved Document Part L2.





As a dust and fibre free, formaldehyde free product with an ODP of 0, Class O Armaflex Duct is suitable for use on ductwork in offices, schools and hospitals.

- ▶ Compliant with Building Regulations Part L energy saving legislation
- ▶ High flexibility for ease of fitting
- ▶ Fibre-free to prevent potential air-quality problems
- ▶ Non-wicking to reduce water presence in system and insulation
- ▶ Closed-cell insulation to provide a continuous barrier to water vapour
- ▶ Self adhesive for fast and cost-effective application
- ▶ Matching bracket covers and tape eliminate thermal bridges and give a professional finish

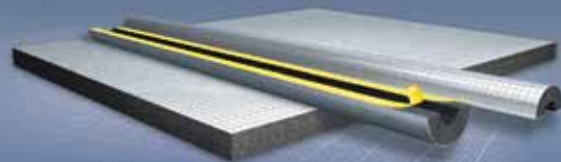


Technical Product Data



	Values	Remarks
Material	Aluminium foil covered sheets made of foamed nitrile rubber	
Max. Surface Temperature	+60° C	For temperatures above +60°C, please consult our Technical Department. Tel. +44 (0)161 287 7038 · Fax +44 (0)161 633 2685
Min. Surface Temperature	-50° C	
Thermal Conductivity at 0° C	0.034 W/(m · K)	Test acc. to EN ISO 8497
Thermal Conductivity at +20° C	0.036 W/(m · K)	
Thermal Conductivity at +40° C	0.038 W/(m · K)	
Water Vapour Permeability	Moisture Resistance Factor μ 7,000 BS EN ISO 9346:1996 $2.79 \cdot 10^{(-14)}$ kg/(m s Pa)	
Water Absorption	0.2% by volume	Test acc. ASTM C 209
Surface Spread of Flames	Class 1	Surface Spread of Flame acc. BS 476 Part 7: 1997 Fire Propagation acc. BS 476 Part 6: 1989
Fire Propagation	Total Index Performance (I) ≤ 12 Sub Index (i_1) ≤ 6	Test results for Surface Spread of Flames and Fire Propagation meets <ul style="list-style-type: none"> • Building Regulations 2000 (England and Wales) • Building Standards (Scotland) Regulations 1990 • Building Regulations 2000 (Northern Ireland) • Building Regulations 1997 (Republic of Ireland) for the Class O fire category
Fire Performance acc. to Building Regulation	Class O	
Reaction to fire	Self-extinguishing, does not drip	
Noise Reduction	Sound Absorption Coefficient ISO 354:2003 up to 0.8	Also suitable for use in the prevention of sound passage
Resistance to	Building Materials Very Good Chemicals Consult Product Test List Ozone Very Good	   
Environmental Aspects	ODP zero, GWP zero	
Health Aspects	Dust & Fibre Free Microban anti-microbial protection	

For outdoor application please consult our Technical Service Department or use Arma-Chek D, Arma-Chek R or Armaflex TuffCoat.



CLASS O ARMAFLEX Duct - Sheet



Foil covered Class O Armaflex sheet

Reference	Insulation thickness mm	Width m	Length m	Carton content m ²
CO-09-99/AL	9	0.5	2	13
CO-13-99/AL	13	0.5	2	9
CO-19-99/AL	19	0.5	2	7
CO-25-99/AL	25	0.5	2	5
CO-32-99/AL	32	0.5	2	4

CLASS O ARMAFLEX Duct - Sheet self-adhesive



Foil covered Class O Armaflex sheet with self-adhesive backing

Reference	Insulation thickness mm	Width m	Length m	Carton content m ²
CO-09-99/AL-A	9	0.5	2	13
CO-13-99/AL-A	13	0.5	2	9
CO-19-99/AL-A	19	0.5	2	7
CO-25-99/AL-A	25	0.5	2	5
CO-32-99/AL-A	32	0.5	2	4

CLASS O ARMAFLEX Duct - Sections for Duct Brackets



Foil covered half round sections with self adhesive backed strips

Reference	Description	Carton content m
CO-19x42H/AL-A	19 mm x 42 mm x 1000 mm half-round sections	32

Arma-Chek S+ Self-Adhesive Tape



Silver colored tape, for internal use only

Reference	Roll length m	Width mm	Thickness mm	Carton content rolls
ACH-PSATAPES-30	25	30	0.18	12
ACH-PSATAPES-50	50	50	0.18	6

- Delivery time: 10 working days