



Class 0 Armaflex®

Professional insulation that prevents condensation and energy losses

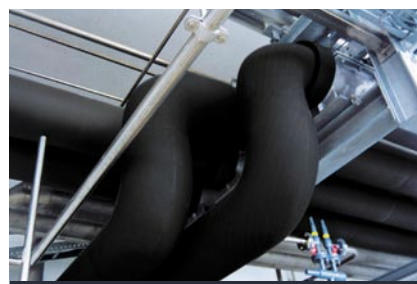
- » Built-In Vapour Barrier Prevents Condensation
- » Reduce Energy Losses Up to 87%
- » Ease of application







Class O Armaflex is the flexible, closed cell, elastomeric, nitrile rubber insulation that offers reliable protection against condensation and effectively prevents energy loss.

A highly efficient method of insulating hot and cold water services, chilled water lines, heating systems, air conditioning duct work and refrigerated pipe work for frost protection, energy conservation and condensation control. Armaflex is dust free, fibre free and CFC free with an ODP of zero which means an environmentally friendly product.

- » Built in vapour barrier prevents condensation
- » Reduces energy losses by up to 87%
- » Lightweight and flexible, quick and easy installation with low maintenance requirements, resulting in time and cost savings
- » Excellent resistance to the effects of ozone, oil and chemicals (consult product test list)



Technical Data		Values	Remarks
Material	Foamed nitrile rubber		
Max. Surface Temperature	+105° C		For min. temperatures between -50° C and - 200° C, please consult our Technical Department. Tel. 0161 287 7100 · Fax 0161 633 2685
Max. Temperature for Flat Surface	+85° C		
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 Tested in accordance with UL 94
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	
Health Aspects	Dust & Fibre Free		

Outdoor applications: Class O Armaflex should be painted with Armafinish FR paint to the recommended thickness within 3 days. Two or more coats may be required.



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