



Class 0 Armaflex®

Professional Insulation that Prevents Condensation and Energy Losses

- » Built-In Vapour Barrier Prevents Condensation
- » Reduce Energy Losses Up to 87%
- » Easy to Apply



Class O Armaflex is a flexible, closed cell, elastomeric, nitrile rubber, insulation. It is a highly efficient method of insulating hot and cold water services, chilled water lines, heating systems, air conditioning duct work, 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
- » Reduce energy losses up to 87%
- » Lightweight & flexible: easy and speedy installation with low maintenance, resulting in time and cost savings
- » Excellent resistance to the effects of ozone, oil, chemicals, extreme weather conditions and wear & tear



Technical Data		Remarks
Material	Values: Foamed nitrile rubber	
Max. Surface Temperature	+105° C	For temperatures below -50° 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	0.035 W/(m · K)	Test according to BS 874 Part 2 1986
Thermal Conductivity at +20° C	0.037 W/(m · K)	
Thermal Conductivity at +40° C	0.039 W/(m · K)	
Water Vapour Permeability	Moisture Resistance Factor μ 7,000 BS EN ISO 9346:1996 3.6 · 10 ⁻¹⁴ kg/(m·s·Pa) BS 4370 Part 2 1973 0.13 µgm/(N · h)	
Water Absorption	0.9% average volume after 28 days 1.5% maximum volume after 28 days	
Surface Spread of Flames	Class 1	Surface Spread of Flame acc. BS 476 Part 7: 1997 Fire Propagation acc. BS 476 Part 6: 1997
Fire Propagation	Total Index Performance (I) less than 12 Sub Index (i ₁) less than 6	Test results for Surface Spread of Flames and Fire Propagation meets • 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	
Health Aspects	Dust & Fibre Free	

Outdoor applications should be painted with Armafinish FR paint to the recommended thickness. Two or more coats may be required.



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