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Class O Armaflex

Product Description



Class O Armaflex is a flexible, closed cell, CFC-free (ozone depletion potential of zero), elastomeric nitrile rubber pipe insulation. It is grey in colour and is manufactured in pre-formed pipe sections and sheets.

As part of the Armstrong product development programme, Class O Armaflex has an improved (lower) thermal conductivity and superior resistance to water vapour transmission. These properties make Class O Armaflex particularly suitable for condensation control on chilled water and refrigeration systems.

When evaluated using standard fire tests the material achieves a Class O rating as defined by the Building Regulations Approved Document B Appendix A12. These tests indicate that in the critical early stages of a sustained fire the use of Class O Armaflex will make only a minimal contribution to the overall heat release and spread of flame.

Being flexible the material is easy to install, it is not fibrous and creates no dust during installation or use.

The manufacturing process conforms to the quality standards required by BS EN ISO 9002: 1994.

Field of Application

Class O Armaflex is particularly suitable for buildings with high occupancy levels where a very high standard of fire performance is required, e.g. hospitals, schools, hotels, supermarkets.

Class O Armaflex may be used for pipes, valves, ducts or vessels since it is flexible and easily fabricated. It is particularly suitable for the thermal insulation of complex shapes.

Class O Armaflex is used for condensation control, energy conservation and frost protection, in the temperature range -40 °C to +105 °C

When used to insulate flat surfaces where the Class O Armaflex insulation is adhered directly on to the surface, the operating temperature should not exceed 85 °C.

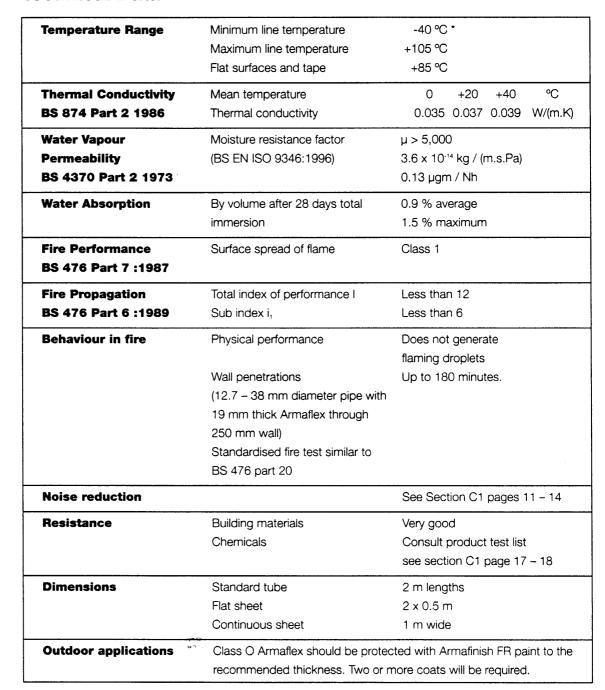
The material can be supplied in a limited range of sizes in coil form in lengths up to 50 metres for special applications. Sheet with a self adhesive backing is also available.

When Class O Armaflex is used outdoors or exposed to UV radiation and ozone attack it should be protected using Armafinish FR paint. Where Armafinish FR paint is used the overall fire rating of Class O is maintained. For internal use Class O Armaflex does not require any additional protection.



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Technical Data



^{*} If lower temperatures are involved please consult our Customer Services Department Tel 0161 287 7100 Fax 0161 633 2685.



