



## INTUMESCENT PIPE WRAPS

Up to 4 hours protection

### INTRODUCTION

Intumescent pipe wraps offer a low cost, easily installed alternative to metal-cased pipe collars. They have been designed for use on uPVC thermally-softening pipes in situations where the wrap will be fully 'cast in' to the structural element.

### DESCRIPTION

Based on a graphite intumescent material which provides a high pressure force to close the penetration as the pipe softens in a fire.

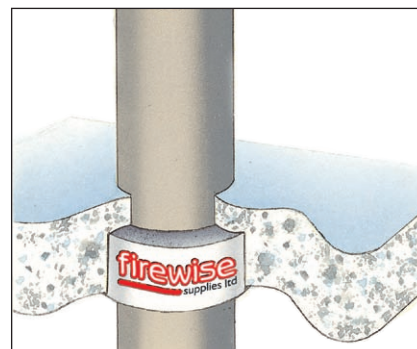
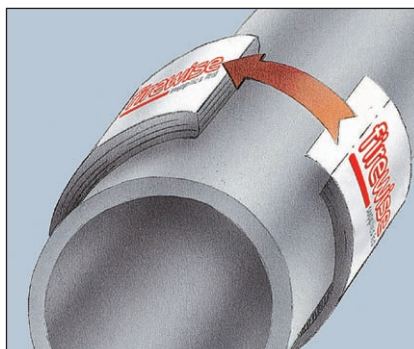
This fibre-reinforced material exhibits an excellent resistance to erosion and enables extended periods of fire resistance to be achieved. Its intumescent reaction commences at 190°C with low smoke emission and no halogen by-products from combustion being produced.

The pipe wrap utilises several layers of intumescent mat dimensioned to suit the pipe diameter, backed with a pvc tape and fitted with self-adhesive togs for fastening. They are resistant to water and most liquids commonly found in the building environment.

### INSTALLATION

Intumescent pipewraps are simply wrapped around the circumference of the pipe to be protected and the ends joined with the self-adhesive tag.

It is then moved along the pipe to a position within the floor slab 12mm from the underside; or centrally within a wall but no more than 52mm from each side.



Finally, the pipe wrap is grouted in place with sand/cement mortar to give a neat finish to the pipe penetration and to facilitate decoration. Care must be taken to ensure that the wrap is not damaged by any rough edges or sharp projections in the masonry or by the trowel.

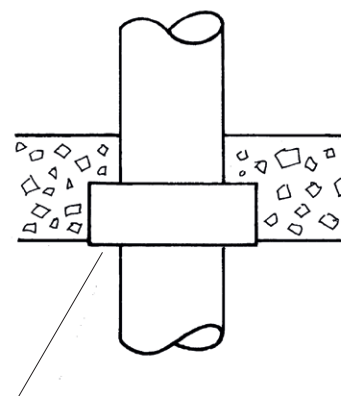
### PERFORMANCE

Intumescent pipe wraps have been independently tested on both vertical and horizontal pipes, following the temperature and pressure conditions specified in BS476: part 20:1987. They are approved for use on uPVC pipes of 55, 82, 110 and 160mm OD and certified for fire resistance of four hours in both wall and floor elements.

Tested to European Standard BSEN 1366-3

Classification to:  
EN 13501-2:2007+A1:2009

Test evidence is available on request.



The underside face of the pipe wrap should always be left visible

Pipe Wraps Sizes (Nom. Diam.) Standard Sizes	
55mm	110mm
82mm	160mm
125mm	200mm

