



Product Number: 110

### Firoblok® Intumescent Sleeves for Services IWS, 110V, 110T, CBC

#### Introduction:

A foiled intumescent sleeve to go over plastic, UPVC, steel & copper pipes, plastic ventilation trunking. Firoblok® sleeves are designed to protect cables and metal/plastic pipes and ventilation trunking passing through fire-rated ceiling, floors or walls made from block, brick or concrete and hollow plasterboard floors and walls. They are flexible, allowing contraction and expansion of water pipes and give protection from corrosion caused by close contact with cement, cement blocks, plaster and other corrosive building materials.

#### Product advantages

- No more corrosion problems due to copper pipes having contact with concrete surfaces.
- Meets all regulations.
- Allows for expansion and contraction of hot pipes and gives up to four hours protection.
- Easy to cut, no more hacksawing and de-burring steel pipes. Envirograf Sleeves can be cut with a knife, and off cuts can be taped together leaving no waste.

#### Use:

Used for pipes passing through fire rated walls and ceilings that must be allowed to expand & contract. The intumescent will stay in situ in the application until activated by a fire reaching 130°C approximately 1-2 minutes into a fire.

The Intumescent wall sleeves will last a lifetime in situ and will not degrade or deteriorate.

For every 1mm of intumescent when activated in a fire will expand to approximately 25mm (e.g. 2mm intumescent = 50mm expansion)

#### Ordering References: (see price list for full details)

FOR PIPES			FOR VENTILATION DUCTING		
REF	INTERNAL DIAMETER	EXTERNAL DIAMETER	REF	PROFILE	
IWS 18	18mm	29mm	110V15	110 x	54mm
IWS 25	25mm	31mm	110V26	204 x	60mm
IWS 33	33mm	43mm	110V29	220 x	90mm
IWS 40	40mm	50mm	110V22	234 x	29mm
IWS 50	50mm	60mm	110V32	308 x	29mm
IWS 55	55mm	63mm	110V67	692 x	70mm
IWS 60	60mm	70mm	<b>FOR PLASTIC ELECTRICAL TRUNKING</b>		
IWS 83	83mm	93mm	<b>REF</b>	<b>PROFILE</b>	
IWS 90	90mm	100mm	110T11	25 x	25mm
IWS100	100mm	110mm	110T22	50 x	50mm
IWS115	115mm	125mm	110T33	75 x	75mm
IWS127	127mm	137mm	110T32	75 x	50mm
IWS150	150mm	160mm	110T42	100 x	50mm
IWS165	165mm	176mm	110T43	100 x	75mm
IWS215	215mm	226mm	110T44	100 x	100mm
<b>IWS can be up to 950mm</b>					

#### Test Details:

	<u>Integrity</u>	<u>Insulation</u>
Chiltern – RF97062A	67 Minutes	N/A (Hollow Wall)
Trada – TFEIF 94006	130 Minutes	N/A (Solid Wall)