

Trade Name: ASTROWRAP

Intumescent Pipe Wraps

Intumescent Pipe Wraps for PVC, Polypropylene, MDPE, HDPE, HPPE and ABS pipes up to 200mm.

Fire resistance testing to EN 1366-3 EI 120, and BS 476 240mins.

Suitable for wall and floor installation.

Tested in Block Wall, Concrete and Masonry.

Tested in Concrete Floors.

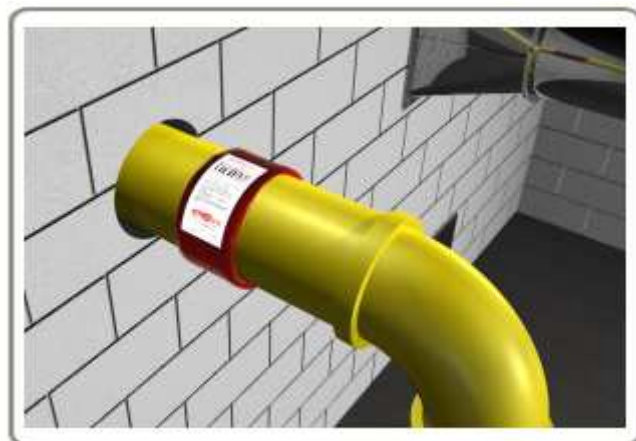
Tested in large service openings up to 250 x 150mm.

Remains flexible between -40° C to +130° C.

Long life and is easy to use.

Certifire 3rd Party Accreditation.

NHBC Type Approval.

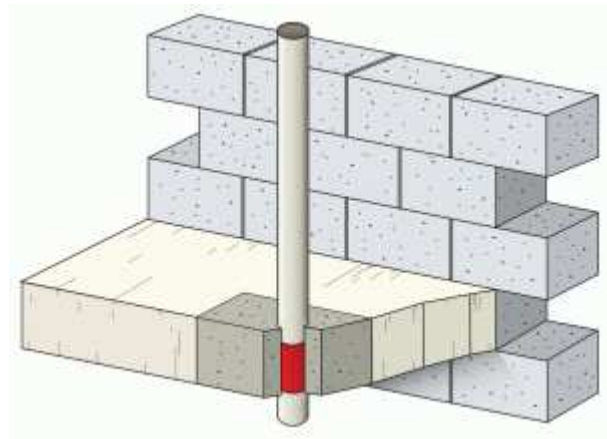
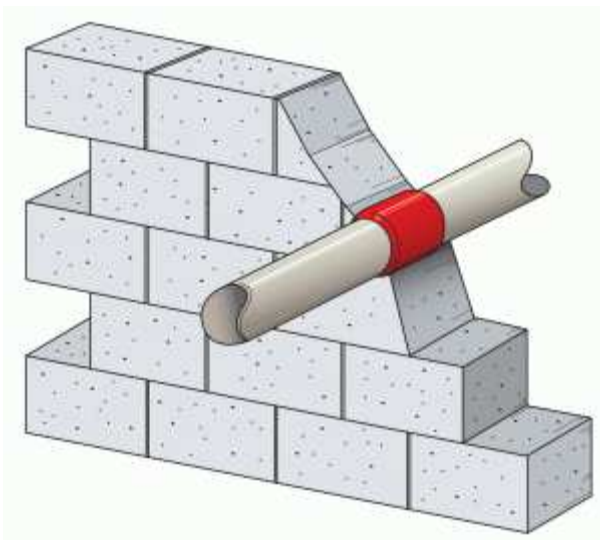


Description

Intumescent pipe wraps for fire stopping all types of plastic pipes passing through masonry floors and walls.

The wraps have been independently fire tested to EN 1366-3 and BS 476 giving a fire resistance of up to 4 hours.

Tested in block, concrete and masonry walls and concrete floors.



Designed to provide high volume expansion and pressure sealing using an intumescent composition based on elastomeric thermoplastic polymers and binders. On exposure to fire the pipe wrap expands rapidly inwards to squeeze the collapsing plastic pipe until the aperture is completely sealed.

Tested with pipes up to 200mm diameter including PVC, Polypropylene, MDPE, HDPE, HPPE and ABS types.

Causes no known adverse effects to plastic pipes, plastic cables, sheathing or metallic components.

Tested in large service openings up to 250 x 150mm.

Astroflame Intumescent Pipe Wraps are economical, unaffected by moisture, humidity or frost and easy to fit, but care should be taken when fitting to avoid damaging the outer polythene sleeve.

The product is based on an thermoplastic composite and is non-toxic, Halogen free, contains no asbestos, ceramic, mineral fibres and is environmentally friendly. Not affected by fungus, vermin or rodents.

Specification & Properties

Pipe Diameter Sizes	28mm, 32mm, 55mm, 63mm, 75mm, 82mm, 90mm, 110mm, 125mm, 160mm or 200mm (other sizes on request)
Width (Nominal)	60mm
Thickness (Nominal)	3.5mm up to 63mm : 6mm up to 110mm : 9.5mm over 110mm
Density	1.3 kg/m ³
Volume Expansion at 300°C	25 times
Shelf Life	60 months.
Fire Resistance	Up to 4 hours BS 476 part 20 & EN1366-3: 2004

PIPE TYPE	SIZE RANGE	INTEGRITY	INSULATION
PVC	55mm – 160mm	240 minutes	240 minutes
PE	55mm – 160mm	240 minutes	240 minutes
ABS	55mm – 160mm	240 minutes	240 minutes

PIPE TYPE	SIZE RANGE	INTEGRITY	INSULATION
PVC	28mm – 110mm	180 minutes	180 minutes
HDPE	28mm – 110mm	240 minutes	240 minutes
MDPE	28mm – 90mm	240 minutes	240 minutes
ABS	28mm – 160mm	240 minutes	240 minutes

Availability

Astroflame Pipe Wraps come available in many standard sizes to suit eg. 55, 82, 110, and 160mm diameter pipes with either 2hr or up to 4 hour fire resistance. **Please note: pipe wraps for 200mm diameter pipes are 2 hour rated.**

Size	2 hour	4 hour
32mm	-	AFIPW32/4
40mm	-	AFIPW40/4
55mm	-	AFIPW55/4
63mm	-	AFIPW63/4
75mm	-	AFIPW75/4
82mm	-	AFIPW82/4
90mm	-	AFIPW90/4
110mm	AFIPW110/2	AFIPW110/4
125mm	-	AFIPW125/4
160mm	-	AFIPW160/4
200mm	AFIPW200/2	-

Packing

Available to order in any quantity.

To Order & Specify

Please quote- Quantity/ Trade name / Product Ref / Size /Rating
 Typical example: 20/ Astrowrap / AFIPW110/4 / 110mm / 4Hour

Fire Test and Assessment Reports

Fire resistance testing to EN 1366-3 EI 120, and BS 476 240mins.

Certifire 3rd Party Accreditation.

NHBC Type Approval.

Installation Notes

The pipe wrap should be tightly wrapped around the pipe and secured with the adhesive tape supplied.

Adjust the position of the wrap so that the edge is central within the wall or floor surface.

Fill annular gap with **FIRE RESISTANT MORTAR** or **INTUMESCENT MASTIC** to a depth of 5mm.

Maintain record of installation.

Health and Safety

The product does not present any known health hazards during or after installation. Normal good industrial and personal hygiene practices should be observed.

Environmental Impact

Low VOC (air quality).

No Power Tools required for installation (no energy source required).

Dust free.

Low Ozone Depletion Potential (ODP).

Low Global Warming Potential (GWP).

No water pollution.

Smoke and Air Tightness.

Noise Reduction.

Thermal Insulation.

Recycling of Packaging.

Avoidance of Air Filtration.

Does not emit halogenated by-products.

Contains no raw materials known to have an estrogenic effect.

The life cycle of Astro Pipe Wraps is over 25 years.

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