VIJAY
Systems Engineers

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VS PLASTIC PIPE WRAPS

FIRE PENETRATION SEALING SYSTEMS
Fire Barrier
(VSPS120PW)

PRODUCT DESCRIPTION

VS Plastic Pipe Wrap is a dry, fexible intumescent fllm wrap used around plastic service pipes penetrating through openings in a wall and/or door in a building structure. In the event of a fire, the wrap expands multiple times to seal the plastic pipe opening as well as the opening between the pipe and the wall/door structure. VS Wraps prevent the passage of flames & hot gases and restricts the temperature rise on the non-fire side of a wall or door. The wraps are 1.8mm thick, water-resistant and made of intumescent material that is wrapped in a ploythene sleeve with an adhesive tab. VS Wraps are available in 15 standard sizes ranging from 43mm - 160 mm plastic pipes (outer diameter). Refer to the Technical Data for details.



SPECIAL FEATURES:

- VS Plastic Pipe Wrap is a system that combines intumescent wraps with Ace Mortar Seal to provide a tight seal in through plastic pipe openings and openings between the pipes and the wall/door structure to prevent the passage of flames & smoke to the non-fire side. Other features include:
- Fire rating of 1hour to 4 hours
- Retrofits possible
- Applicable for almost all plastic pipe materials like HDPE,
- PVC, UPVC, CPVC, PVDF, ABS etc.
- Works on proven technology of intumescent seals
- It is not affected by long exposure to various ambient
- conditions in commercial and industrial applications such as: weathering effects, aging, vibrations, ambient temperature variations, exposure to light acids and alkalis, high humidity
- Does not contain any hazardous materials
- Is free of asbestos

SPECIFICATIONS

Intumescent Activation Temperature	Approx. 160°C
Pipe Opening Sizes	From 43mm-160mm (outer pipe diameter)
Recommended for Penetration Pipe Materials	UPVC, PE, ABS, SAN+PVC, PE, Insulated Mild Steel, Stainless Steel & Insulated Copper
Intumescent Expansion Pressure	146.8 kPa mean peak pressure for 1.85mm thick material in 8.27mm gap
Intumescent Expansion Volume Ratio	10.75 mean ratio at 2.84 kPa
Service Temperature	-15°C to +55°C