



Information Sheet No. TFD-2018-05

## PASSIVE PRODUCTS – FIRE COLLARS

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### Cast In, Retrofit (Multifit) and Retrofit (Single) Fire Collars

#### General Description

Fire collars house an intumescent material which is activated in the event of fire, crushing the plastic pipe and sealing against the passage of flames and hot gases. The intumescent material is unaffected by water, atmospheric influences and industrial environment, and is also resistant to dilute acid, alkalis, paints and conventional construction materials such as gypsum, lime, cement and adhesives.

#### Applications

Suitable for use to fire rate plastic pipes passing through walls and floors in high residential construction, flats, town houses, apartments, civil projects, health care and aged care facilities, offices, etc.

#### General Features

- Fully certified to Australian Standards AS1530.4 and AS4072.1
- Integral moisture, grout and smoke seal.
- Quick and easy to install
- A cost effective fire stopping solution
- 10 year warranty of intumescent material
- Australian made

#### Cast in Fire Collar Features

- Cast in, high impact plastic fire collar
- 250mm height of collars covers wide range of floor slab thicknesses
- Integral moisture, grout and smoke seal.
- 2 collar sizes service pipe sizes from 32-100mm (nom)
- Base of collar has ability to accommodate pipe fittings
- Reinforced fixing holes

#### Retrofit (Multifit) Fire Collar Features

- Bolt on, steel cased retro-fit fire collar
- 2 collar sizes service pipe sizes from 32-100mm (nom)
- Low height of collar ensures maximum clearance for pipe fittings
- Removable attachment clips
- Quick and easy to install – no adjustment necessary
- Single fit collars available for a wider range of pipe types
- Approved for installation on underside of masonry floors

#### Retrofit (Single) Fire Collar Features

- Bolt on, steel cased retro-fit fire collar
- 2 collar sizes service pipe sizes from 32-100mm (nom)
- Low height of collar ensures maximum clearance for pipe fittings
- Quick and easy to install – no adjustment necessary
- Single fit collars available for a wide range of pipe types
- Approved for installation on underside of masonry slabs, or attached to either side of masonry walls, and approved for floor wastes where insulation is not required (surface mounted or inverted)





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### Pyrorap Fire Collar

#### General Description

A flexible intumescent wrap contained in a plastic bag which is designed to intumesce under fire conditions and crush the plastic pipe thus sealing against the passage of flame and hot gases for up to 4 hours. It is designed for core hole or block out applications.

#### Applications

Especially designed for core hole, block out and retrofit applications, it is a cost effective and labour saving alternative especially suitable for use in fire rated plastic pipes passing through floors in high residential construction, flats, town houses, apartments, civil projects, health care and aged care facilities, offices, etc.

#### General Features

- Fully certified to Australian Standards AS1530.4 and AS4072.1
- 8 wrap sizes service pipe sizes from 20-100mm (nom)
- Pyroraps are recessed into wall or slab ensuring maximum clearance for pipe fittings
- Quick and easy to install – no adjustment necessary
- A cost effective fire stopping solution
- Approved for installation within underside for masonry slabs, or within masonry and Hebel walls
- 10 year warranty of intumescent material
- Australian made

### Titan Fire Collar

#### General Description

A cast in steel fire collar containing an intumescent material designed to crush the plastic pipe under fire thus sealing against the passage of flame and hot gases for up to 4 hours.

#### Applications

Especially designed for casting into concrete slabs, it provides a quick and cost effective solution for fire rating of plastic pipes, in high residential construction, flats, town houses, apartments, civil projects, health care and aged care facilities, offices, etc.

#### General Features

- Fully certified to Australian Standards AS1530.4 and AS4072.1 for up to 4 hours of fire rating
- 10 sizes service pipe sizes from 20-150mm (nom)
- Designed and approved for most brands of PP, HDPE, uPVC, PE, ABS
- Quick and easy to install – no adjustment necessary
- A cost effective fire stopping solution
- Tight fitting around pipe, which helps keep the pipe vertical during concrete pour
- Built in slurry seal
- 10 year warranty of intumescent material
- Australian made



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### GV Fire Collar

#### General Description

A two part plastic fire collar containing an intumescent material designed to crush the plastic pipe under fire conditions thus sealing against the passage of flame and hot gases for up to 4 hours. Suitable for most plastics in floors, and masonry and lightweight walls. Also approved for floor waste applications (80mm only).

*For further information on fire collars, please [contact Tasmanian Fire Doors](#)*

#### Applications

Especially designed for masonry and plaster walls, this collar provides a quick and cost effective solution for fire rating of plastic pipes, in high residential construction, flats, town houses, apartments, civil projects, health care and aged care facilities, offices, etc.

#### General Features

- Fully certified to Australian Standards AS1530.4 and AS4072.1 for up to 4 hours of fire rating
- 6 sizes service pipe sizes from 40-150mm (nom)
- Designed and approved for most brands of PP, HDPE, uPVC, PE, ABS
- Also approved for floor waste applications (80mm only)
- A cost effective fire stopping solution
- Adjustable pipe length from 90mm to 155mm to suit various wall thicknesses
- Tight fitting around pipe, which helps keep the pipe vertical during concrete pour, while also reducing smoke transfer
- Built in slurry/smoke seal
- 10 year warranty of intumescent material
- Australian made