



Value Add  
**ESCAPE CHUTE SYSTEMS**

Revolutionising Safety



The P&C Value Add Escape Chute system is an invaluable set of emergency equipment that can be quickly and easily deployed when a rapid means of egress is required from a tall structure.

### The Escape Chute offers the following features:

- Heat and flame protection of up to 550 Degrees Celsius during descent
- Controlled but rapid egress with a maximum of 3m/s
- Minimal physical exertion required for deployment
- No electrical or hydraulic power required to operate
- Deployment in under 10 seconds
- The evacuee can be safely at ground level in under 20 seconds

### Three Layers of Protection

#### LAYER 1

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The Outside Flameproof Layer is provides protection from flames and radiated heat. This layer can withstand a constant temperature of 550 Degrees Celsius, with a melting point of 800 Degrees Celsius.

#### LAYER 2

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The Middle Breaking Layer is a knitted tube consisting of 100% stretch nylon that creates a sock-like effect whereby the material expands according to the size of the person or object descending through it. The tube has a width of 400mm and can stretch up to 47%.

#### LAYER 3

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The Inner Support Layer is connected to the storage/deployment device and holds the chute in place. It is manufactured from a material similar to what is currently used in air bags and has a Warp Tensile Strength of 3500 N/50mm.





# P&C VALUE ADD ESCAPE CHUTE SYSTEM



## On Site Training Service

At P&C we endeavour to work closely with the mines, workers on site, operators and unions to ensure a smooth transition and early adoption of good business and safety practices in the use of our products and services, saving costs, improving production flow and reducing conflict and stress. This includes extensive on-site training and certification where necessary.

# LOCK / RELEASE SYSTEM

The custom designed locking/release system consists of two locking pins located on each side of the Escape Chute unit (See Illustration). The function of these pins are to secure the release bar in place.

To release the pin place two fingers behind the rounded black plastic section to hold it in place and depress the center button. The positions of the locking pins and release method are also clearly indicated on the back of the Escape Chute unit.

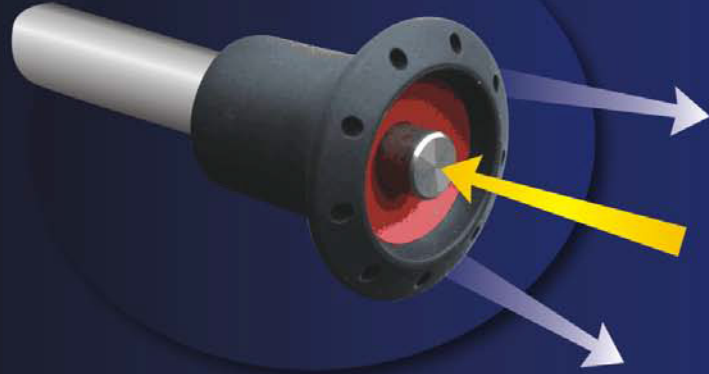
Once the pins have been released simply lift the release bar and push the structure away from your body to initiate deployment.



Custom designed locking pins located on the sides of the Escape Chute unit



The positions of the locking pins and release method as indicated on the Escape Chute



**NOTE:** It is extremely important to make sure that the area below the chute is free of any obstacles or persons before releasing the pin and deploying the chute.



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