

Shutgun Data Sheet

1. Description and Context

With the amount of sprinklers in AUS alone, sprinkler activations are going to occur. Information from the Chief Fire Officers Association, UK shows that more than 70 million sprinkler heads are fitted every year across the globe. Shutgun is a handheld sprinkler shut off tool which acts as a temporary seal for the sprinkler head. It can easily be used with one hand, will fit most sprinkler heads, even some recessed ones and incorporates a fusible link that if a fire rekindles will release and allow the sprinkler to re-activate.



In the case of fire, the number of sprinklers that operate is limited to only those near the fire that reach the correct activation temperature, thereby maximising the available water pressure over the point of fire origin.

Not only fires trigger sprinkler heads, accidental activation can occur, especially in areas with high traffic flow or rambunctious behaviour. Students in residences hang washing in the sprinkler heads and break the vial activating the head. People moving office furniture or other things can hit the head and activate it. Even if a system is being drained after activation the Shutgun will prevent leakage from the head while this process occurs. A Shutgun per floor is a very low investment for the savings that would occur in the event of an activation.

2. Technical Data

Hydrostatic pressure test up to 9 bar: successful up to and including 9 bar pressure at point of water release

Pneumatic pressure test up to 10 bar: successful up to and including 10 bar

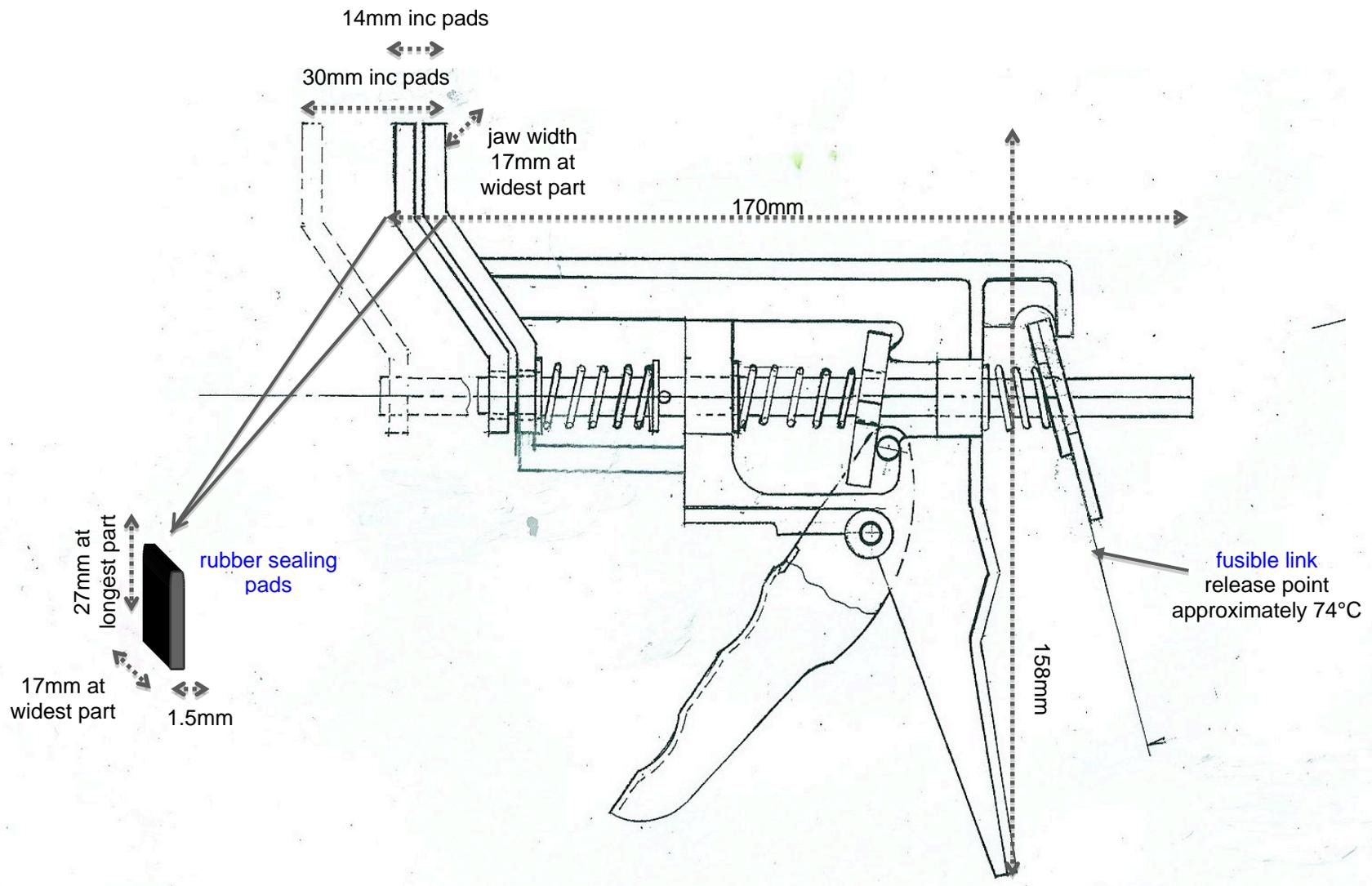
Deformation point under compression: 1000N

Technical Note

In situ testing: It has been reported that Shutgun was successfully deployed during a fire sprinkler activation as a result of a fire. The sprinkler system was operating at 15 bar (220psi). The water was successfully shut off at this pressure.

Materials

Shutgun unit made from durable and lightweight cast aluminium with rubber pads. All materials are 100% recyclable.

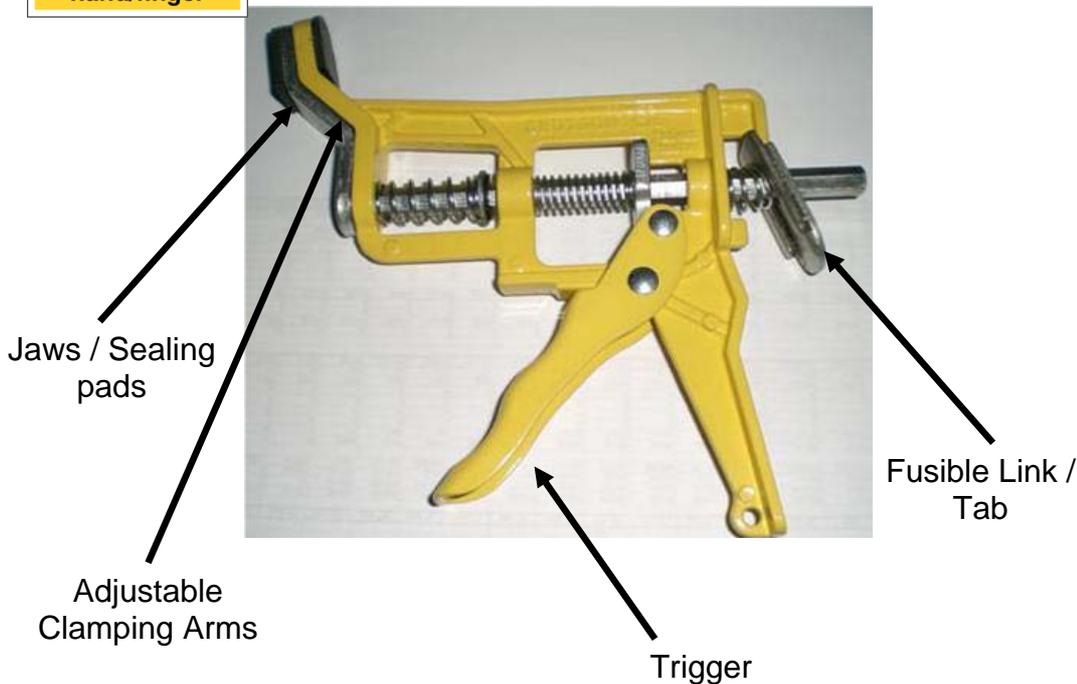


Note: All measurements are approximate and may vary slightly between Shutgun units.

4. Installation Instructions



Warning: When the fusible link is released the jaws and mechanism snaps shut at speed. Keep fingers clear of the jaws, springs and link areas.



Insert the adjustable clamping arms into the nest of the activated fire sprinkler head. Ensure that you do not put the arms too far into the opening. Pull the trigger until the water is shut off. To release, put pressure on the trigger while you press the tab on the back of the gun. The gun incorporates a fusible link that, in the event of a fire, will release, allowing reactivation of the sprinkler.

Note: Ensure the jaws are closed before attempting to use

Note: Fire Safety guidance and protocols must always be followed. To find out more about safety protocols during a fire and/or fire sprinkler activation please discuss with your local Fire and Rescue Service or Health and Safety department within work.

5. Inspections and maintenance

Providing that the fusible link has not been melted by a fire, the Shutgun can be used more than once. Once the fusible link has been activated to release the Shutgun, in the event of a fire, a new one must be purchased to replace it. After every use the gun should be checked to ensure there has been no damage to the pads or mechanism as the pads may get damaged after multiple uses. Shutgun should be checked regularly to ensure the item is still fit for purpose. If the item is stored with other equipment (such as in a toolbox) and risks damage we recommend checks relative to the risk of damage weekly, monthly or every shift. If the item is stored on its own, safely, where there is minimal risk of damage then we recommend bi-annual checks to ensure that it is still in full working order. The Shutgun should be checked after every use.

6. Guarantee

Shutgun carries a 1 year warranty for product failure from point of sale. For details of guarantees and disclaimers please contact Shutgun directly and see the website for returns terms and conditions.