

BONPET

TO FEEL EVERY MOMENT SECURE



Ampoule is the most effective product for extinguishing a fire in small and indoor areas without being constantly present and a fire extinguishing product with an aesthetic appearance.

Indispensable everywhere you assume that the temperature will rise rapidly, when the fire starts (ceiling or closed wall to the potential location for a fire). T

he best effect for extinguishing fires of class A, is when the ampoule covers approximately 8m³ of an area.

Suitable for extinguishing fires of classes A, B and F

Advantages

Self-activation.

Usable in indoor areas.

Easy to assemble or dismantle.

It has a 10-year product life expectancy and 10-year warranty.

No need for maintenance.

Works for all fires of classes A, B or F.

Human and environment friendly (no halons).

Can be thrown into the origin of a fire.

No false alarms, it activates only when the temperature rises.

Does not cause any damages during the fire extinguishing and its remaining components are easily cleaned.

Aesthetic look.

Additional discounts on property insurance at certain insurance companies.

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What's in the Ampoule

Chemicals contained within the ampoule:

Carbon dioxide and ammonia (for the cooling effect and the exclusion of oxygen) formed by decomposition of urea and water: $\text{Co (NH)}_2 + \text{H}_2\text{O} \geq \text{Co}_2 + 2\text{NH}_3 + \text{O}_2 \geq \text{NO}_x \text{NH}_3 + \text{H}_2\text{O}$

Ammonia (the cooling effect), and the hydrochloric acid of the result from the heating of ammonia chloride: $\geq \text{NH}_4\text{Cl} + \text{O}_2 \text{NH}_3 \text{NH}_3 + \text{HCl} + \text{H}_2\text{O} \geq \text{NO}_x$.

The soda of calcite reacts with the acid of the hydrogen chloride to form salt, water and carbon dioxide (the displacement of air): $\text{Na}_2\text{CO}_3 + 2\text{HCl} \geq 2\text{NaCl} + \text{H}_2\text{O} + \text{CO}_2$.

The soda of the calcite also reacts with sulfuric acid, sodium sulfate, and carbonic acid. The acid decomposes to water and carbon dioxide (cooling effect).

This, together with sodium sulfate, displaces the air in the vicinity of the ignited area. $\text{Na}_2\text{CO}_3 + \text{H}_2\text{SO}_4 \geq \text{Na}_2\text{SO}_4 + \text{H}_2\text{CO}_3 \text{H}_2\text{CO}_3 \geq \text{Co}_2 + \text{H}_2\text{O}$.

Dimension & Weight

Each Ampoule contains 600 millimetres of the liquid extinguishing product.

Dimensions: 300 mm × 90 mm × 60mm

Weight: 1200 grams

Colours

There are five different colours for the ampoule. When a commissioned word for large quantities than other colour versions are also possible.

Red - Red

Red - Chrome

White - White

White - Chrome

Blue – Chrome

The ampoule can be fitted with a protective net. This is to prevent damage to the glass surface (e.g. public buildings such as hotels). A shoulder bag by the safety officer / fireman when he used the ampoule with him to bear.

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Function

When a fire breaks out in a small enclosed area and temperatures rise, extinguishing liquid simultaneously begins to heat and as a result of that the liquid starts to extend in the glass ampoule.

When the temperature of the liquid extinguisher is approximately $85^{\circ}\text{C} + 5^{\circ}\text{C}$ the glass breaks into pieces which allows the liquid to drop into the area where endothermic process begins. It takes the energy from the fire and starts to cool the area.

As a side product of this endothermic reaction, small quantities of nitrogen and carbon dioxide are released. Their function is to prevent the entrance of oxygen to the burning area.

Remaining components that do not decay form a protective layer over the surface of the extinguishing liquid, which prevents re-ignition.



We have added aesthetics to functionality
Even though people should have bought a fire extinguisher, they do not
because of their industrial looks.
That is why we have developed a fire extinguishing ampoule that has an
aesthetic look and looks like a lamp.
You can even get them in your favorite color.

GRENADÉ



IMMEDIATE RESPONSE

With the “throw and extinguish” way we have added a new dimension of convenience and safety.

TAKE AND THROW

Grenades Bonpet are used for extinguishing fires of classes A, B and F, in smaller concealed places, where with throwing the grenade we can actually extinguish the fire from a distance.

Grenade is the most practical fire extinguishing product, which can be attached to an accessible and frequent enough place.

It can be used by security guards on longer security patrol.

Advantages

- The grenade can be thrown in to the source of a fire.
- Does not cause any damages during the fire extinguishing and its remaining components are easily cleaned.
- Human and environment friendly.
- 5-years product life expectancy and 2-year warranty.
- No maintenance costs.
- Easy to assemble or dismantle.

Function:

The grenade is thrown in to the source of a fire.

Technical characteristics

Dimension: 200 mm x ø 60 mm

Combined weight: 600 g

Volume: grenade contains 500 ml of liquid
Bonpet in plastic ampoule

