

## The Fire Safety Stick Story

Fire Safety Stick uses a tested and proven technology, that was originally developed and created for the space programme in the 1960s. The rights were purchased by an Italian company who then further developed it into the innovative mobile product we have today.

It has since been introduced all over the world, specifically over 35 countries, and has attained a multitude of certifications and verifications. Winning the Milipol 2017 Innovation award.

In 2019, the exclusive rights for UK and Republic of Ireland were licensed to Argento Global Solutions Ltd. This company is owned and run by one of the UK's leading fire and life safety systems specialists.

### A Fire Safety Stick Pro typical installation

- A 50 or 100sec unit
- Secure mounting bracket
- Photo luminescent or vinyl-sticker sign
- Tamper-tag for the striker cap
- Installation & Maintenance log sticker
- Maintenance log book (not shown)



### Full list of certifications around the world:

#### UNI EN ISO 9001:2015

**Australia:** BSI Verification Certification No. VC 727986

**Australia & New Zealand:** C & F tested and passed to AS/NZS1850, in compliance with AS/NZS1841.

**Europe:** EC Directive 2001/95 dated 3.12.2001 (General Product Safety Directive)

**Italy:** R.I.N.A Homologation (Italian Naval Registry): Extinguishing device for pleasure yacht

**Switzerland:** Swiss TS TUV Technical Services AG Safety & Environmental Technology

**Germany:** BAM- Bundesanstalt fur Materialforschung und - prufung: ulassungszeichen (Federal Institute for Materials Research and Testing)

**Spain:** AFITI - Licos (Asociacion para el Fomento del la Investigacion y la Tecnologia de la Seguridad contra Incendios) - (Centro de Ensayos e Investigacion del Fuego), member of NFPA

**India:** Delhi Fire Services (Government of National Capital Territory of Delhi Headquarters)

**Oman:** Royal Oman Police (Directorate General of Civil Defense)

**South Africa:** SAMSA – South African Maritime Safety Authority

**Slovakia:** Swiss TS TUV Technical Services AG Safety & Environmental Technology

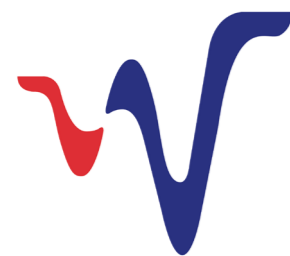
**Zambia:** - Lusaka City Council Lusaka Fire Brigade

**Hungary:** Certificate of Fire Safety Conformity by NDGDM - National Directorate General for Disaster Management

**Republic of Angola:** Certificado de Qualidade (Ministerio do Interior - Serviço Nacional de Protecção Civil e Bombeiros / Ministry of the Interior - National Civil Protection and Firemen)

**Vietnam:** HCMC Police Department of Fire Fighting and Prevention

**Russian Federation:** FIRE SAFETY CERTIFICATE OF CONFORMITY (Mandatory certification)



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## The Lightest and Most Innovative Fire Extinguisher



- Cover All Classes of Fire
- No Servicing Required
- Light, Compact & Easy to Use



# A better solution for fire protection in vehicles

Most vehicle fleets carry fire extinguishers, but they are typically of the old-fashioned, traditional type, most likely containing dry powder. But now there is a much better solution available to fleet managers. The Fire Safety Stick has numerous advantages over those out-dated, heavy, bulky, pressurised systems.

Firstly, it's incredibly light, weighing from just 215g (compared to 2.25kg of the smallest dry powder extinguisher). That 2kg weight-saving could mean an extra equipment to be carried before the vehicle is at its maximum weight. The Fire Safety Stick can be mounted in any orientation within the vehicle, giving much greater flexibility and potentially faster access in case of an emergency.

It leaves no damaging mess or residue. The damage from the discharge of traditional extinguishers is well documented, often resulting in very costly clear-up operation or even a potential vehicle write-off. At the very least the vehicle will be out of action for some considerable time. Even without an actual fire, these are often discharged by accident. With the Fire Safety Stick, there is no longer a risk of this at all. Firstly, it is almost impossible to accidentally activate it. But if it was purposely activated, simply open the vehicle windows, to vent the totally harmless and environmentally friendly vapour out. In fact, there have been several occasions where a vehicle has had an engine fire, quickly extinguished by the Fire Safety Stick, and once checked it was safe to do so, the driver was able to continue with their journey!

In addition, are you aware of the health dangers exposed to the user from inhaling/ingesting the discharge from a dry powder extinguisher? Typical effects include diarrhoea, respiratory tract irritation and a potentially dangerous elevated heart rate.

The Fire Safety Stick needs NO servicing during its 15-year shelf life. Resulting in saving you a considerable amount on external servicing companies coming out to complete the annual servicing. Then, there is the company administration required and vehicle "off-road" time to consider when carrying out the servicing. The Fire Safety Stick needs only the most basic regular maintenance checks, but these can be easily done, in-house at the beginning of a shift or implemented during your vehicle inspection routines for example. Plus, because the Fire Safety Stick has a shelf life of at least three times that of those traditional extinguishers there is an added significant cost saving.

A final point to note is that in some common vehicle fires it's far more effective than that of dry powder or foam extinguisher. These types of extinguishers are very directional and work with gravity, meaning if there is a fire under the vehicle, such as with hydraulic fluids within the transmission system, they are much less effective, whereas the Fire Safety Stick is able to surround the area with the active agent, engulfing the fire.

All in all, it can be clearly seen that the Fire Safety Stick is the fire extinguisher of choice with all of its cost, safety, and administration benefits.

## FSS50 vs Traditional Fire Extinguisher

		FSS50	1kg Dry Powder
<b>Discharge Time</b>	An impressive minimum of 50 seconds discharge time with a Fire Safety Stick	50 Seconds	6 to 7 Seconds
<b>Weight Size</b>	Far smaller and lighter than most other fire extinguishers	215g	2.2kg
<b>All Major Classes</b>	All major fire classifications. A, B, C, F & Electrical (100,000v)	✓	✗
<b>Shelf Life</b>	Tested to last for a minimum of 15 years	15 Years	5 Years
<b>No Harmful Mess</b>	Leaves no damaging or toxic mess or residue	✓	✗
<b>Eco-Friendly</b>	Does not affect the environment or any humans/animals	✓	✗
<b>Safe To Breathe</b>	The discharge from the FSS is safe to inhale in confined spaces	✓	✗
<b>Service Free</b>	Does not require any servicing during its life-cycle	✓	✗
<b>Very Durable</b>	Can be dropped, cut and drilled, it won't self-activate & will still fight the fire	✓	✗



**15 Years Tested Shelf-Life**  
Typically three times that of most traditional fire extinguishers



**NO SERVICING**  
Saving significant costs. Only basic in-house maintenance checks are required



**No Toxic Mess or Residue**  
Produces zero damaging mess after use, so nearby machinery is unaffected



**CE/UKCA Certified & Marked** Plus many worldwide accreditations



**Eco-Friendly & Recyclable**  
Dispersing non-damaging aerosol and widely recyclable, safe to inhale



**Size & Weight**  
From just 215g, 27cm x 3cm, can even be easily carried by personnel



**Durable**  
Can be dropped, pierced, cut, and drilled and it still works



**Discharge Time**  
Either 50 or 100 seconds discharge time, much longer than other extinguishers

Having been thoroughly tested and reviewed by Daimler AG (Mercedes-Benz), the Fire Safety Stick is now an official part certified for their vehicles. It will therefore be incorporated within both their ex-works vehicle production and available in the global dealer parts program.

Due to the Fire Safety Stick's unique features it is ideal for all types of vehicles as a first line initial fire fighting aid. In much of Europe on-board fire extinguishers are a legal requirement for all vehicles whether commercial or domestic and increasingly global manufacturers are including the Fire Safety Stick as an essential item to include.



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