Introducing Fire Stryker Industrial Fire Extinguisher

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PROGRESS PARTNERS

What is Fire Stryker?

New Generation 100 second Industrial Fire Extinguisher

Fire Stryker is a manual, portable aerosol fire inhibitor with remarkable extinguishing capability. It has very low toxicity and is environmentally safe. The device is a small, compact, lightweight cylinder: the upper part of the device is a metal tube containing the extinguishing charge; the lower part of the device is composed of plastic and serves as a support handle. **Fire Stryker is a quick reaction fire extinguisher.**

Fire Stryker Main Features & Benefits

- ➡ **NO** Maintenance
- ➡ **NO** Service
- ➡ **NO** Refills
- ➡ **NO** Residue
- ➡ **NON**-Toxic
- ➡ Environmentally Friendly
- ➡ Compact, Practical, Portable
- ➡ **5 Year Warranty**

Marine Housing

FIRE STRIKER
Just one strike and the fire is out!

Additional Benefits of using Fire Stryker

Ultra portable – Because the Fire Stryker unit is compact and lightweight, it can be easily transported. This makes it an ideal solution for travellers who want to store a fire safety device in their vehicles.

Unlimited shelf life – Because Fire Stryker is not pressurized, it does not require regular maintenance and will not malfunction when needed suddenly after a long period.

No residue – Unlike traditional fire extinguishers, Fire Stryker does not leave any residue. This reduces the post extinguishing cleanup to include only fire damage.

Environmentally friendly – Fire Stryker is both non-toxic and environmentally friendly, ensuring that fire prevention is the only thing you need to worry about.

Safe – Two of the elements necessary to activate these fire extinguishers are kept at opposite ends of the unit, completely eliminating accidental ignition.

Extended fire fighting capabilities – an important advantage that Fire Stryker has over conventional fire extinguishers is that the emission time is much longer.

Fire Stryker is capable of extinguishing fires in different classes:

- **Class A:** solid materials, ordinary combustibles, such as wood, paper, fabric, plastics etc.

- **Class B:** flammable liquids, such as gasoline, oil based paints, solvents, alcohol, acetone, etc.

- **Class C:** gaseous category: GLP, methane, acetylene, etc.

- **Class E:** electrical equipment fires subject to voltages up to 100.000v at a distance of 1m; Cable galleries, distribution cabinets, electronic devices.
- **Class F:** fats and oils, suitable for kitchens, restaurants, etc.

How does it work?
Fire Stryker technology:

Originally developed for use in spacecraft, the technology behind Fire Stryker is remarkably simple. The lightweight tube contains stable, solid Potassium Nitrate which – since it is not a gas – cannot explode. Once activated, Fire Stryker's extinguishing process works through two reactions.

The **physical reaction** relates to potassium's tendency to oxidize rapidly in air; when in contact with air, alkaline salts consume great quantities of oxygen, depriving a fire of the oxygen it needs to burn.

The **chemical reaction** is created through the stable link between potassium particles and the fire's combustion particles, allowing the potassium particles to intercept and interrupt any other free particles produced by the fire's chain reaction combustion process.

FIRE STRYKER
Just one strike and the fire is out!

Using Fire Stryker

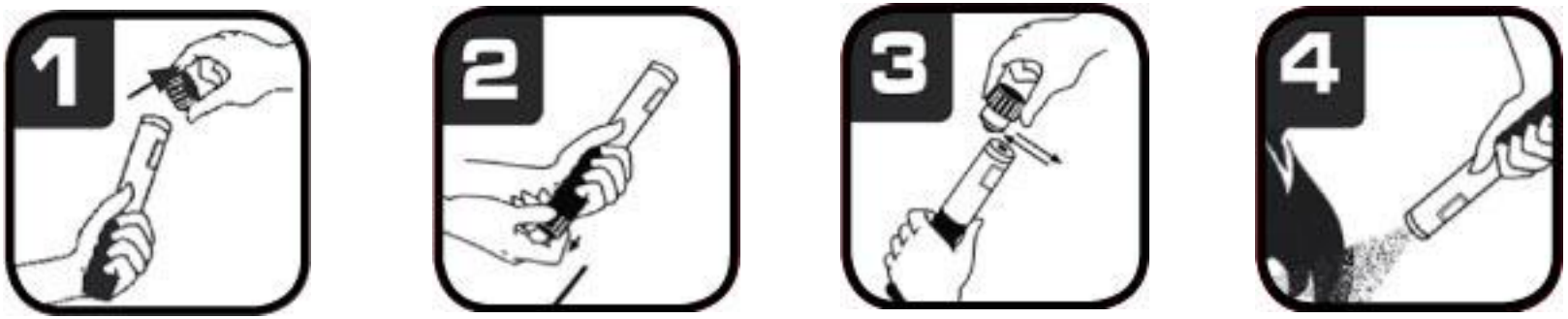
Using Fire Stryker is so easy even a child can use it:

Step one: Simply hold the handle of Fire Stryker and remove the top lid.

Step two: Take the scratch cap at the bottom of the unit.

Step three: Strike it against the top of the unit to activate Fire Stryker.

Step four: Spray the aerosol jet emitted by Fire Stryker at the base of the flames.



Just one strike and the fire is out!

Certifications

Fire Stryker has received numerous certifications and accreditations worldwide:

Manufacturers' Existing Certifications:

- UNI EN ISO 9001-2000 Certificate
- CE Conformity

Product Certifications:

- South Africa – SAMSA (South African Marine Safety Authority)
- Italy – RINA
- Germany – BAM, TUV
- Russia – EMERCOM
- India – Mumbai Fire Brigade, Delhi Fire Services
- Oman – Royal Oman Police
- Zambia – Lusaka City Council Fire Authority
- Zambia – Zambia Bureau of Standards
- Australia – Code Mark

Product Test Reports:

- Spain – AFITI
- South Africa – SABS
- Italy – Municipal Turin, University Turin, Ministry Transportation
- Switzerland – Swiss TS

Patents:

- United States Patent
- European Patent

Fire Stryker in use:

Herewith are details of some Fire Stryker users in South Africa:

1. Anglo Platinum Area: Rustenburg Use: Mining Vehicles, Locomotives and Security Plants
2. Anglo Coal Area: Witbank Use: Opencast and Service Vehicles, Security Plants (above ground)
3. BHP Billiton Area: Witbank Use: Opencast and Service Vehicles, Security Plants (above ground)
4. Extrata Coal Area: Witbank Use: Opencast and Service Vehicles, Security Plants (above ground)
5. Exxaro Coal Area: Witbank Use: Opencast and Service Vehicles, Security Plants (above ground)

Fire Stryker potential impact on the environment and on users:

ODP Ozone Depletion Potential = zero	GWP Global Warming Potential = zero
ATL Atmospheric Life Time = zero	Electric conductibility: none
Activation time: Immediate	Electrostatic discharge: none
Usability temperature: from -95.5° C to +160° C	Usability humidity: up to 98% U.R.
Granulometry: from 2 to 4 microns	Corrosiveness: none
Steam: none	Thermal shock: none
Residue after use: negligible	Not dangerous to human health
Does not produce any “organic accumulation”	Very Low Toxicity
Environmentally safe	Unlimited shelf life
The device is not pressurized	The device does not need to be tested
The device is not considered hazardous material	The device does not need maintenance

Contact Details

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