

# **TOTAL**

## **Portable Fire Extinguishers**



# Welcome to TOTAL®

## *Why TOTAL?*

*When you buy TOTAL® portable fire extinguishers, you can be sure you are choosing from a range of top quality products, built on 100 years of experience in the design and manufacture of portable fire extinguishing solutions.*

*Total fire extinguishers are designed and manufactured to the highest UK and International standards, ensuring quality and reliability and are approved to BS EN3-7.*

*All of our portable products carry a 5-year warranty, subject to their being serviced in accordance with the requirements of BS5306 Part 3: 2003 using manufacturer's spare parts.*



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# Firefighting that's **always to hand**

## *The TOTAL pedigree*

*TOTAL Portable Fire Extinguishers have a remarkable heritage. They are the product of a business dating back to the early part of the 20th century. The goal then was to create a range of portable, high quality fire protection equipment products, which were safe, reliable and easy to use. Our aim is the same today but, as you'd expect, there are considerable differences. Today's materials are lighter and more durable, while every extinguisher is designed for fast and fail-safe use.*

*Products at the design and prototype stages are thoroughly tested and then submitted to the scrutiny*

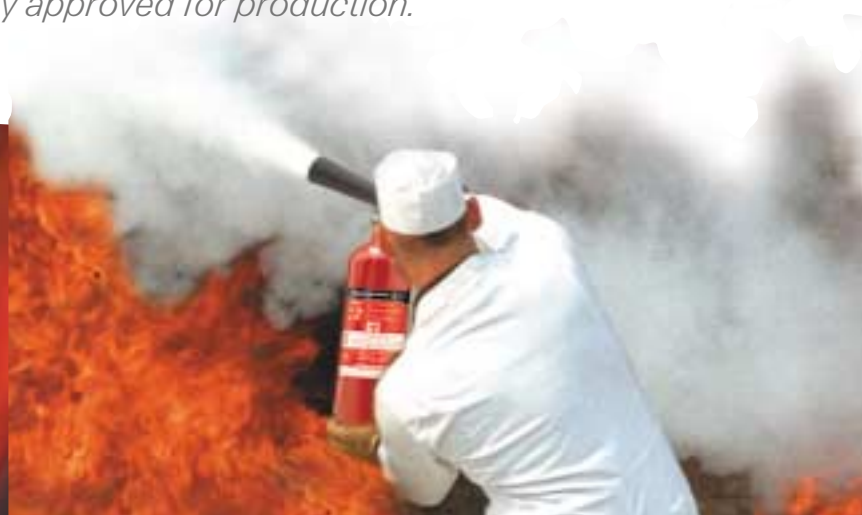
*of independent assessors and official examiners. If they pass these stringent tests with flying colours, then – and only then – are they approved for production.*



The plant and staff pictured in 1906 with extinguisher product in evidence in the right foreground



Firemen using extinguishers on a simulated bund fire



## Dependability plus technical superiority

Based on a full century of experience, the quality, sophistication and sheer technological superiority of our current range puts TOTAL products in a category of their own.

Continuous research and development over generations means that TOTAL's portfolio of fire extinguishers is genuinely comprehensive, comprising gas, foam, powder and water models... solutions for all types of fire risk situation and application.

TOTAL fire extinguishing products are designed, manufactured and tested in a purpose-built factory close to Berlin. All departments at the factory comply with DIN EN ISO 9001 and have done so since 1994.

The very latest manufacturing techniques and processes are employed here, all working to extraordinarily high quality standards.

Meticulous quality control is observed at every stage of production, where continuous improvement is embedded within our work culture. TOTAL Portable Fire Extinguishers comply with accepted European and International standards and enjoy numerous third party approvals.

TOTAL benefits from sustained investment in manufacturing progression to ensure that we remain the market leaders, not just in design and manufacture, but also in client support, rapid delivery and unstinting after-sales service.

Fire usually strikes fast, bringing havoc in its wake. Sometimes, even the survival of the building or business can be called into question. So if quality and reliability matter to you, you'll specify TOTAL fire extinguishers and ancillary products.

# Powder Portables

## Special - for Metal Fires

### *Smothering the fire*

*Metal fires (fire class D) burn at very high temperatures (2000 °C or greater). A high risk of chemical reaction with conventional fire fighting agents creates additional danger to personnel and represents a greater fire hazard to equipment and buildings.*

*TOTAL MY12d and M50 metal fire extinguishers, with special applicators for gentle power application are filled with TOTALIT® M, an agent specially developed to contain and extinguish metal fires. TOTALIT M eradicates metal fires by developing an impenetrable crust on combustible metals, depriving the burning metal of oxygen and thus preventing the combustion process.*

### Applications

In combustible metal handling applications such as for car components, household appliances and sports equipment manufacture, combustible light metals and alloys are increasingly used, calling for specialised fire fighting equipment to combat the risk of metals and metal waste being set on fire during machining.

Other fields of application are in the chemical industry, nuclear power plants and laboratories where the use of combustible metals such as magnesium, aluminium, potassium, sodium, calcium and lithium are used. Using scrap metal components, raw materials and alloys of mixed metals also bring D-rated fire risks.

In such situations as described above, only approved, Class D extinguishers should be used for fire fighting with portable equipment, where the special metal fire-powder TOTALIT M is most effective.

### Key product features

- High fire rating enhances safety margins
- Hose length of 1.5m for easy handling
- Safe for inadvertent use on electrical equipment (up to 1000v at 1m distance)
- Squeeze grip control valve allows total control of the discharge
- Special powder applicator to reduce explosion risk
- Test results available for several metal fire types
- Steel cylinder finished in high quality polyester powder coating, free of Cadmium and Triglycid Isocyanurate
- Plastic base protects cylinder
- Rubber padded wall bracket protects coating
- External CO<sub>2</sub> cartridge for easy service

### Tests and Approvals

- Tested and approved according to German law (D class not recognised by European standards)
- Cylinder and entire extinguisher tested to European Pressure Equipment Directive (PED)
- CE mark according to PED 97/23/EG
- Cylinder 100% pressure tested
- Suppression agent tested and certified by European toxicological and hygiene safety Notified Body
- Manufactured under ISO 9001:2000 quality conditions, certified by TÜV CERT



## MY12d 12 kg Powder - Metal Fires



## M50 50 kg Powder - Metal Fires



### Accessories

A comprehensive range of accessories, refills and spare parts is available for these extinguishers. Please contact your local supplier for further information.



Fires involving  
metals



Specifications	MY12d - 12kg	M50 - 50kg
Cylinder	Steel	Steel
Ratings	D	D
Approval	DIN Standard compliant	
Temperature Range	-20°C to 60°C	
Discharge Time	30 sec	50 sec
Weight	19.7 kg	100 kg
Width	290 mm	475 mm
Height	560 mm	1000 mm
Height with Applicator	1250 mm	1030 mm



# Tandem Portable/Automatic

## Special - Dual Purpose

### *The best of both worlds*

*The Tandem series extinguishers are specially designed for portable use as well as for automatic operation.*

*When used for automatic operation, a special sprinkler sensor activates the agent flow, providing unattended protection to a designated area of up to 4 - 6m, depending upon installation height.*

*Foam and dry powder types are available and Tandem models are stored pressure extinguishers with Nitrogen propellant.*

*Hand operated or unattended, automatically operated, a direct flow of agent is produced, capable of extinguishing a variety of Class A, and B (and C fires - see Applications) ... Tandem is a multi-purpose high-performance system from TOTAL.*



### Applications

Intended for wall mounting and multi-purpose use for A and B fire fighting (and C class fires - Powder units when used as a portable only); typical areas of application are workshops, industrial plants, shops, offices, garages, petrol stations, Portakabins, heating systems, small storage areas, farm enterprises and households.

Installed for automatic operation, the Tandem can be used to protect all objects or areas which can be covered by direct agent flow, for example waste containers, small storage areas, building site Portakabins, offices, engine rooms, heating systems, laboratories, experimental equipment and workshops. To use in automatic operation, aim the sprinkler at the potential fire risk.

### Key product features

- High rating fire extinguishing capacity
- Anti-freeze protection up to -20°C for powder types (0 °C for foam type)
- Safe for inadvertent use on electrical equipment (up to 1000V at 1m distance for use as portable extinguisher)
- Delivery of extinguishant is trigger controlled for use as a portable extinguisher; with a 'one-shot' flow when used as an automatic installation
- Pressure gauge with permanent pressure control
- Test valve to check the pressure by independent measurement equipment
- Internal corrosion protected with 1mm PE coating for foam type
- High corrosion protection for entire unit, inside and out
- Special sprinkler (68°C) for sensing fires
- Steel cylinder finished in high quality polyester powder coating, free of Cadmium and Triglycid Isocyanurate
- Rubber padded wall bracket protects cylinder coating

### Tests and Approvals

- European Standard EN3 for portable extinguisher design
- Cylinder and entire extinguisher tested to European Pressure Equipment Directive (PED)
- CE mark according to PED 97/23/EG
- Proven in specialist applications
- Cylinder 100% pressure tested
- Cylinder of foam type has internal coating, twice high voltage tested for excellent corrosion resistance
- Extinguisher, valve and hose corrosion tested (ISO 3768)
- Suppression agent tested and certified by European toxicological and hygiene safety Notified Body
- Manufacturer is ISO 9001:2000 certified by TÜV CERT



## S9 Tandem 9ltr Foam



## PG6 Tandem 6kg Powder



## PG12 Tandem 12kg Powder



### Accessories

A comprehensive range of accessories, refills and spare parts is available for these extinguishers. Please contact your local supplier for further information.



Fires involving solid materials, usually of an organic nature, in which combustion normally takes place with the formation of glowing embers.



Fires involving liquids or liquifiable solids.



Fires involving gases - Powder unit when used as portable only.

Specifications	S9 Tandem 9ltr Foam	PG6 Tandem 6kg Powder	PG12 Tandem 12kg Powder
Cylinder	Steel	Steel	Steel
Ratings (when used as portable extinguisher)	21A / 233B	34A / 233B/C	55A / 233B/C
Approval	According to EN3	According to EN3	According to EN3
Temperature Range	0°C to 60°C	-20°C to 60°C	-20°C to 60°C
Discharge Time: used as portable extinguisher	31 sec	15 sec	19 sec
used as automatic installation	15 sec	12 sec	24 sec
Weight	16.2 kg	16.0 kg	19.0 kg
Width	250 mm	230 mm	250 mm
Height	650 mm	600 mm	670 mm

# Carbon Dioxide (CO<sub>2</sub>) Portable

## Special - Antimagnetic

### *Fire and asset protection*

*Portable extinguishers discharging Carbon Dioxide are ideal in Class B fire fighting situations where damage to equipment could prove very expensive. Typical applications include those in which sensitive equipment can be adversely affected by magnetism, as encountered in hospitals and clinics.*

*TOTAL's antimagnetic Carbon Dioxide extinguishers are built from non-magnetic materials, thus avoiding the potential influence of a magnetic field and making them the preferred option in such applications.*

*As with all TOTAL products, our extinguishers are manufactured to the highest quality, stringently tested and designed to be easy to use by the professional and unskilled user alike.*

### **Applications**

Intended for wall mounting and class B fire fighting, this 5kg CO<sub>2</sub> extinguisher is entirely manufactured from non-magnetic materials and is specifically designed for rooms with electrical devices and hospital areas using sensitive medical equipment.

### **Key product features**

- High fire rating enhances safety margins
- Anti-freeze protection up to -20°C
- Safe for inadvertent use on electrical equipment (up to 1000v at 1m distance)
- Squeeze grip control valve allows total control of the discharge
- Bursting disc protects extinguisher against high temp. overpressure (i.e. at higher temperatures than 60°C)
- Lightweight Aluminium cylinders for easier handling
- Cylinder finished in high quality polyester powder coating, free of Cadmium and Triglycid Isocyanurate

### **Tests and Approvals**

- European Standard EN3
- Cylinder and entire extinguisher tested to European Pressure Equipment Directive (PED)
- CE mark according to PED 97/23/EG
- Cylinder 100% pressure tested
- Extinguisher, valve and hose corrosion tested (ISO 3768)
- Manufacturer is ISO 9001:2000 certified by TÜV CERT
- Certified for use with medical equipment

### **Accessories**

A comprehensive range of accessories, refills and spare parts is available for these extinguishers. Please contact your local supplier for further information.



**KA5 5 kg CO<sub>2</sub> - Antimagnetic**

Fires involving  
liquids or liquifiable  
solids.



Specifications	KA5 5kg Antimagnetic
Cylinder	Aluminium
Ratings	70B
Approval	According to EN3
Temperature Range	-20°C to 60°C
Discharge Time	14 sec
Weight	12.5 kg
Width	330 mm
Height	685 mm

# Powder Portables

## Special - for Coal Dust Fires and Coal Mining

### *Soft treatment for dust*

*Coal dust is an insidious and highly dangerous source of fires where even the smallest amount of kinetic energy can initiate an explosion. There is potential for fire to extend under the surface, showing little or no sign of its presence.*

*The coal dust extinguisher is specially designed to extinguish coal and other dust fires. The kinetic energy of the agent flow is reduced by a specially designed applicator which delivers the powder to cover the fire very smoothly, markedly reducing the risk of explosion.*

*The extinguishers are filled with ABC powder with a high MAP content. In the event of fire, the internal CO<sub>2</sub> propellant bottle is activated by a knock-down button. A safety valve protects the cylinder against over pressurisation.*

### **Applications**

The PG6 Hi-BK has been designed predominantly for use against coal dust fires but the extinguisher is also well suited for other dust fire risks. With the applicator removed, the unit can be used as a standard ABC powder fire extinguisher.

The PK 10 was specially developed by TOTAL for use in extreme environments, including mining and quarrying industries. The extinguisher is protected against the fine dust which is present in these harsh conditions by the combination of its steel container and cap which also protects the valve and hose against physical and vibration damage.

### **Key product features**

- High fire rating enhances safety margins
- Anti-freeze protection down to -20°C
- Safe for inadvertent use on electrical equipment (up to 1000v at 1m distance for use as portable extinguisher)
- Squeeze grip control valve allows total control of the discharge
- Steel cylinder finished in high quality polyester powder coating, free of Cadmium and Triglycid Isocyanurate
- Special powder applicator reduces risk of explosion
- Rubber padded wall bracket protects cylinder coating

### **Tests and Approvals**

- European Standard EN3 for portable extinguisher design
- Cylinder and entire extinguisher tested to European Pressure Equipment Directive (PED)
- CE mark according to PED 97/23/EG
- Cylinder 100% pressure tested
- Extinguisher, valve and hose corrosion tested (ISO 3768)
- Suppression agent tested and certified by European toxicological and hygiene safety Notified Body
- Manufacturer is ISO 9001:2000 certified by TÜV CERT

### **Accessories**

A comprehensive range of accessories, refills and spare parts is available for these extinguishers. Please contact your local supplier for further information.





## PG6 Hi-BK 6 kg Powder - Coal Dust



## PK10 10 kg Powder - Mining Extinguisher



Fires involving solid materials, usually of an organic nature, in which combustion normally takes place with the formation of glowing embers.



Fires involving liquids or liquifiable solids.



Fires involving gases



Specifications	PG6 Hi-BK - 6 kg	PK 10 - 10kg
Cylinder	Steel	Steel
Ratings (if used without applicator)	43A / 233B / C	n/a
Approval	According to EN3	LOBA NW, Germany
Temperature Range	-20°C to 60°C	-20°C to 60°C
Discharger Time	18 sec	20 sec
Weight	10.5 kg	18.0 kg
Width	225 mm	200 mm
Height	560 mm	570 mm

# Water Portables

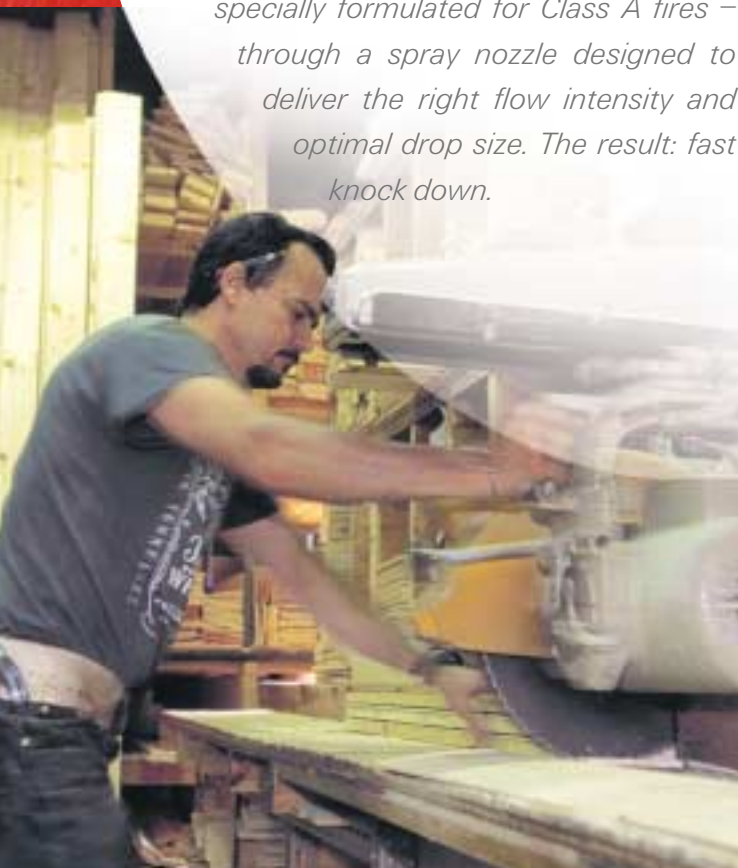
## Special - for Smouldering Sawdust Fires

### *The smouldering threat*

*With sawdust around, joinery workshops, furniture manufacture and wood processing plants inevitably pose fire hazards. But smouldering sawdust responds well to water, provided that it is delivered appropriately. Drop size and intensity of flow are critical factors and liquid additives enable the agent to be absorbed by the smouldering sawdust.*

*This type of extinguisher is also of great use in other industries such as flour milling, where the fine powders encountered can be a real and present fire and explosion threat.*

*When the extinguisher is used, an integrated container of carbon dioxide propellant forces water-based TOTALON® A agent – specially formulated for Class A fires – through a spray nozzle designed to deliver the right flow intensity and optimal drop size. The result: fast knock down.*



### **Applications**

Specially designed for use on smouldering fires of saw dust, the main applications are furniture manufacturing, joinery, carpentry, chipboard manufacturing and working, and all wood processing operations.

### **Key product features**

- High fire rating enhances safety margins
- Safe for inadvertent use on electrical equipment (up to 1000v at 1m distance)
- Squeeze grip control valve allows total control of the discharge
- Internal corrosion protected with 1mm PE coating
- High corrosion protection for entire unit, inside and out
- Special water fog nozzle for optimal droplet size and projection range
- Steel cylinder finished in high quality polyester powder coating, free of Cadmium and Triglycid Isocyanurate
- Rubber padded wall bracket protects coating

### **Tests and Approvals**

- Cylinder and entire extinguisher tested to European Pressure Equipment Directive (PED)
- CE marked according to PED 97/23/EG
- Cylinder 100% pressure tested
- Each cylinder is inspected using high-voltage test equipment at the initial coating stage and at the final production process
- Extinguisher, valve and hose corrosion tested (ISO 3768)
- Suppression agent tested and certified by European toxicological and hygiene safety Notified Body
- Manufacturer is ISO 9001:2000 certified by TÜV CERT

### **Accessories**

A comprehensive range of accessories, refills and spare parts is available for these extinguishers. Please contact your local supplier for further information.

## WG6 H 6 ltr Water - Saw dust



## WG9 H 9 ltr Water - Saw dust



Fires involving solid materials, usually of an organic nature, in which combustion normally takes place with the formation of glowing embers.

Specifications	WG 6 H - 6 ltr	WG 9 H - 9 ltr
Cylinder	Steel	Steel
Ratings	13 A	21 A
Approval	EN3	EN3
Temperature Range	5°C to 60°C	5°C to 60°C
Discharge Time	50 sec	80 sec
Weight	11.0kg	15.0kg
Width	230mm	230mm
Height	555mm	635mm





# Wet Chemical Portable

## Special - for Cooking Oil and Fat Fires

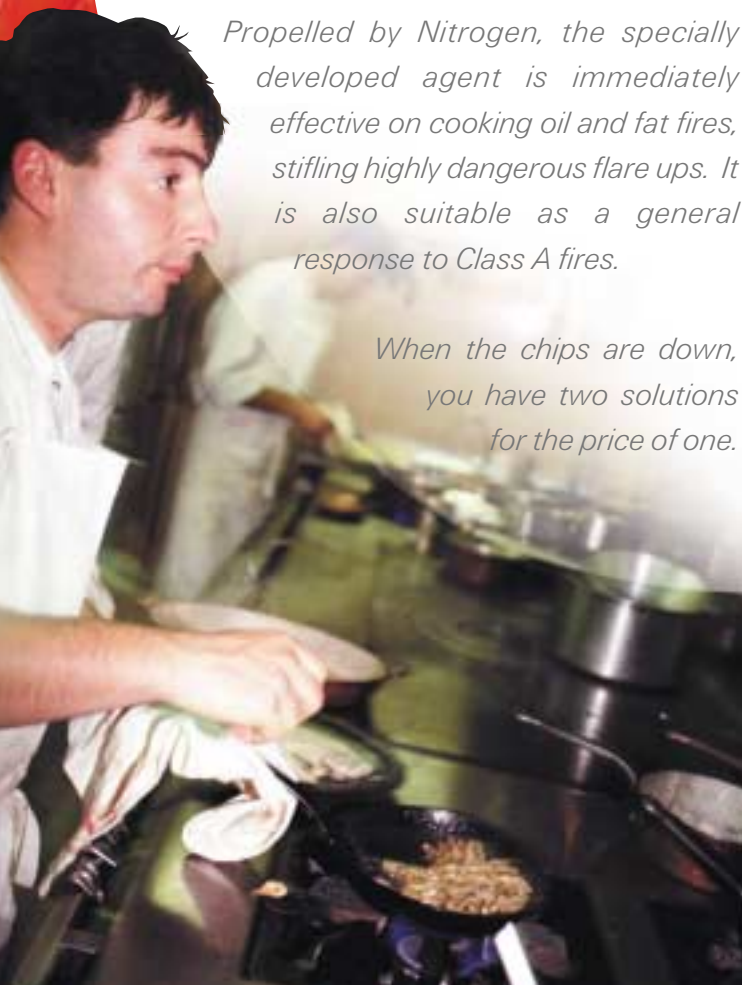
### *Proven recipe for kitchens*

*There are always potential fire risks in kitchens, mass catering outlets and food production factories where flammable cooking oil and fats can flare up in an instant. Universal fire fighting solutions are seldom perfect for such applications, which is why TOTAL's answer to the problem is so far-reaching.*

*A most important key feature of this unit is the unique nozzle applicator which enables the user to apply the agent from 3 - 4 metres away from the fire, greatly reducing danger from the eruptive nature of burning oils and fats.*

*Propelled by Nitrogen, the specially developed agent is immediately effective on cooking oil and fat fires, stifling highly dangerous flare ups. It is also suitable as a general response to Class A fires.*

*When the chips are down, you have two solutions for the price of one.*



### **Applications**

Designed for universal use against A class fires and specifically for F class cooking oil and fat fires.

Primary uses would be in the catering industry, canteens, hotels, fast food outlets and industrial food production for local protection as well as households, laboratories, workshops, offices, shops, garages and industrial plants.

### **Key product features**

- High fire rating enhances safety margins
- Suitable against cooking oil and fat fires F class extinguisher according to newest version of EN3-7
- Safe for inadvertent use on electrical equipment (up to 1000v at 1m distance)
- Squeeze grip control valve allows total control of the discharge
- Pressure gauge for permanent pressure control
- A test valve is located behind the pressure gauge, ensuring a leak free seal and ease of maintenance
- Large diameter neck ring for easier service inspection
- Internal corrosion protected with 1mm PE coating
- Container with external thread for protection of anti-corrosive coating, even in threaded area
- High corrosion protection for entire unit, inside and out
- Swirl-effect, multi-spray nozzle for optimal droplet size and projection range
- Steel cylinder finished in high quality polyester powder coating, free of Cadmium and Triglycid Isocyanurate
- Rubber padded wall bracket protects coating

### **Tests and Approvals**

- Approved to BS EN 3 (Kitemark®)
- Cylinder and entire extinguisher tested to European Pressure Equipment Directive (PED)
- CE marked according to PED 97/23/EG
- Cylinder 100% pressure tested
- Each cylinder is inspected using high-voltage test equipment at the initial coating stage and at the final production process
- Extinguisher, valve and hose corrosion tested to ISO 3768
- Suppression agent tested and certified by European toxicological and hygiene safety Notified Body
- Manufacturer is ISO 9001: 2000 certified by TÜV CERT



## M 2 L 2 ltr Wet Chemical



## M 6 L 6 ltr Wet Chemical



### Accessories

A comprehensive range of accessories, refills and spare parts is available for these extinguishers. Please contact your local supplier for further information.



Fires involving solid materials, usually of an organic nature, in which combustion normally takes place with the formation of glowing embers.



Fires involving cooking oils and fats.

Specifications	M 2 L - 2 ltr	M 6 L - 6 ltr
Cylinder	Steel	Steel
Ratings	5A / 40G	13A / 75F
Approval	According to BS EN3	According to BS EN3
Temperature Range	5°C to 60°C	5°C to 60°C
Discharge Time	19 sec	33 sec
Weight	3.8kg	11.0kg
Width	140mm	225mm
Height	390mm	560mm

# Foam Portable

## Special - for Polar Liquid Fires

### *Tackling polar liquid risks*

*Polar liquids, such as alcohol and methanol, are common in the cosmetics, pharmaceutical and distilling industries as well as in the production of adhesives. A distinct hazard, when polar liquids burn, is that the flames are often invisible. Furthermore, such fires never respond to conventional foam.*

*Easy to use, TOTAL's polar liquid extinguisher is a fit-for-purpose, custom-engineered solution. Propelled by carbon dioxide the specially formulated foam agent provides a safe and reliable answer to polar liquid fires.*

*The polar liquid foam extinguisher S 6 AKA has a 6 litre capacity and, as with all TOTAL extinguishers, is designed for reliability. It is simple, safe and accurate to use, whether operated by an unskilled user or a trained professional.*

### **Applications**

Intended for wall mounting and universal use for A and B fire fighting and polar liquid fires.

Examples of polar liquids are Acetone, Propanol, Methanol, Ethanol and Alcohol, these often being used in the chemical industry, cosmetic production, cleaners, disinfectants and adhesive production.

### **Key product features**

- High ratings rating enhances safety margins
- Container is pressurised only in case of use
- Squeeze grip control valve allows total control of the discharge
- The Foam concentrate is separated in special cartridges. This gives the unit a very high level of environmental protection, makes it service friendly and maximises the life of the foam concentrate
- When the extinguisher is pressurised, the foam will be instantly ready mixed
- Large diameter neck ring for easier service inspection
- Internal corrosion protected with 1mm PE coating
- Container with external thread for protection of the anti-corrosive coating, even in the threaded area
- High corrosion protection for entire unit, inside and out
- Special nozzle delivers the optimal foam density
- Steel cylinder finished in high quality polyester powder coating, free of Cadmium and Triglycid Isocyanurate
- Rubber padded wall bracket protects coating

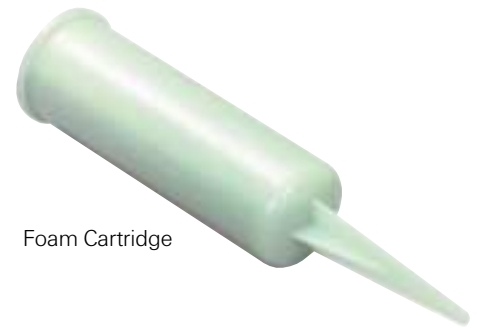
### **Tests and Approvals**

- Cylinder and entire extinguisher tested to European Pressure Equipment Directive (PED)
- CE mark according to PED 97/23/EG
- Cylinder 100% pressure tested
- Cylinder has internal coating, twice high voltage tested for excellent corrosion resistance
- Extinguisher, valve and hose corrosion tested (ISO 3768)
- Suppression agent tested and certified by European toxicological and hygiene safety Notified Body
- Manufacturer is ISO 9001:2000 certified by TÜV CERT

### **Accessories**

A comprehensive range of accessories, refills and spare parts is available for these extinguishers. Please contact your local supplier for further information.



**S 6 AKA 6 ltr Foam - Polar Liquids**

Foam Cartridge



Fires involving solid materials, usually of an organic nature, in which combustion normally takes place with the formation of glowing embers.



Fires involving liquids or liquifiable solids.



Specifications	S 6 AKA - 6 ltr
Cylinder	Steel
Ratings	13A / 113B 55B Polar liquids
Approval	According to EN3 (amendment 2006)
Temperature Range	5°C to 60°C
Discharge Time	22 sec
Weight	11.0kg
Width	260mm
Height	580mm



# Foam Portable Eco Range

## Standard - Environmentally Friendly

### *Protection the Eco way*

*In this unit, the foam is totally encapsulated in an internal cartridge and is only mixed when discharged. This has the benefit of considerably extending the life of the foam concentrate over that of standard premix foams, making servicing much easier and eliminating disposal concerns.*

*Cartridges can be removed prior to discharge, tested and then re-used. It's quick, easy and particularly environmentally friendly.*

*All TOTAL extinguishers are built to the same high standards to meet the demands of the discerning user, both professional and unskilled, who must be sure that, should the need arise, performance is never compromised.*



### **Applications**

Universal use for A and B fire risks. Aqueous Film Forming Foam (AFFF) is particularly well suited to class B fires of petrol, tar, paints and oils over which it spreads to form a barrier to combustion. Offices, paint manufacturing and flammable liquid storage are examples of applications.

### **Key product features**

- High fire rating enhances safety margins
- Safe for inadvertent use on electrical equipment up to 1000v at 1m distance
- The Foam concentrate is separated in special cartridges (S6 AKP only). This gives the unit a very high level of environmental protection, makes it service friendly and maximises the life of the foam concentrate
- When the extinguisher is pressurised, the foam will be instantly ready mixed (S6 AKP only)
- Large diameter neck ring for easier service inspection
- Internal corrosion protected with 1mm PE coating
- Container with external thread for protection of the anti-corrosive coating, even in the threaded area
- Swirl-effect, multi-spray nozzle for optimal droplet size and projection range

### **Tests and Approvals**

- Approved to BS EN 3 (Kitemark®)
- Cylinder and entire extinguisher tested to European Pressure Equipment Directive (PED)
- CE mark according to PED 97/23/EG
- Cylinder 100% pressure tested
- Each cylinder is inspected using high-voltage test equipment at the initial coating stage and at the final production process
- Extinguisher, valve and hose corrosion tested (ISO 3768)
- Manufacturer is ISO 9001:2000 certified by TÜV CERT

### **Neufoam eco - agent of S6DN eco and S9DN eco**

- Neufoam eco has been stringently tested on substances hazardous to health and the environment and has been granted an independent sustainability certificate by the internationally known Milieukeur Ecolabel.
- Agent analyses of Neufoam eco, completed by the Bureau Veritas Consumer Product Service Germany GmbH, certify that there are no potentially harmful perfluorinate surfactants.
- Biodegradation test on Neufoam eco's constituent elements show that this agent has virtually completed biodegradability and has an extremely low environmental impact.



## S 6 AKP 6 ltr Eco Foam - Cartridge Operated



Foam Cartridge

### Accessories

A comprehensive range of accessories, refills and spare parts is available for these extinguishers. Please contact your local supplier for further information.

## S 6 DN eco 6 ltr Eco Foam



Fires involving solid materials, usually of an organic nature, in which combustion normally takes place with the formation of glowing embers.



Fires involving liquids or liquifiable solids.

Specifications	S 6 AKP - 6 ltr	S 6 DN eco - 6 ltr	S 9 DN eco - 9 ltr
Cylinder	Steel	Steel	Steel
Ratings	21A / 183B	27A / 144B	34A / 183B
Approval	According to BS EN3	According to BS EN3	According to BS EN3
Temperature Range	5°C to 60°C	0°C to 60°C	0°C to 60°C
Discharge Time	22 sec	24 sec	31 sec
Weight	11.0kg	10.0kg	14.8kg
Width	260mm	225mm	240mm
Height	580mm	565mm	535mm

# Foam Portables

## Standard

### Fire fighting foam

*The latest standard foam fire fighting portables from TOTAL offer fast and effective knockdown and are particularly suited to Class B fires based on petrochemical derivatives, oils and fats. They are also reliable and very safe, with no particulates or harmful residues. They have no effect on the earth's ozone layer.*

*An anti-freeze version is available - see S 6 DF - and, as is always the case with TOTAL, these extinguishers are stringently tested and meticulously made and inspected – so you can be certain of peak performance on demand.*


### Applications

Intended for universal use for A and B fire risks and wall mounting, Aqueous Film Forming Foam (AFFF) is particularly well suited to class B fires of petrol, tar, paints, and oils over which it spreads to form a barrier to combustion. Offices, schools, shops and flammable liquid storage are examples of typical applications.

### Key product features

- Swirl-effect, multi-spray nozzle for optimal droplet dimension and projection range
- Internal corrosion protected with 1 mm PE coating
- Safe for inadvertent use with electrical equipment (up to 1000v, minimum distance 1m)
- Pressure gauge with permanent pressure control
- A test valve is located behind the pressure gauge, ensuring a leak free seal and ease of maintenance
- High corrosion protection for entire unit, inside and out

### Tests and Approvals

- Cadmium and TGIC-free polyester powder coating
- Each cylinder is inspected using high-voltage test equipment at the initial coating stage and at the final production process
- British Standard EN 3 (Kitemark®)
- Wheel-mark (  ) certified according to Marine Equipment Directive 96/98/EG
- Cylinder and entire extinguisher tested to European Pressure Equipment Directive (PED)
- CE mark according to PED 97/23/EG
- Cylinder 100% pressure tested
- Extinguisher, valve and hose corrosion tested (ISO 3768)
- Manufacturer is ISO 9001: 2000 certified

### Accessories

A comprehensive range of accessories, refills and spare parts is available for these extinguishers. Please contact your local supplier for further information.



**S2 DC 2 ltr High Rating Foam****S9 DN 9 ltr Foam**

Fires involving solid materials, usually of an organic nature, in which combustion normally takes place with the formation of glowing embers.



Fires involving liquids or liquifiable solids.

Specifications	S2 DC - 2 ltr	S6 DN - 6 ltr	S9 DN - 9 ltr
Cylinder	Steel	Steel	Steel
Ratings	13A / 70B	13 A / 183 B	21 A / 233 B
Approval	According to BS EN3	According to BS EN3	According to BS EN3
Temperature Range	0°C to 60°C	5°C to 60°C	5°C to 60°C
Discharge Time	25 sec	24 sec	31 sec
Weight	3.8kg	10.0kg	14.8kg
Width	140mm	225mm	240mm
Height	390mm	565mm	535mm

# Foam and Water Portables

## Standard - Anti-Freeze Protected

### *All reasons and seasons*

*These anti-freeze protected portables have many applications across industry and commerce and are built to withstand temperatures as low as -20°C. They are clear contenders for external sites such as garage forecourts, warehouses, stores, rail, aviation and marine environments.*

*If anti-freeze protection is definitely not required, these extinguishers are available without from our Standard range: Foam on pages 22 and 23; water on pages 26 and 27.*

*The propellant used is nitrogen, directing the active agent to where it's needed fast and effectively.*

### Applications

Anti-freeze protection enables the portables to be stored and used in areas where low temperatures, down to -20°C, may be experienced such as garages, workshops, offices, stores, railway stations and wagons, boats and cold stores. The foam version is for universal use in A and B class fire fighting; the water version for A class fires only.

### Key product features

- High ratings rating enhances safety margins
- Anti-freeze protection down to -20°C
- Safe for inadvertent use on electrical equipment (up to 1000v at 1m distance)
- Squeeze grip control valve allows total control of the discharge
- Pressure gauge with permanent pressure control
- A test valve is located behind the pressure gauge, ensuring a leak free seal and ease of maintenance
- Large diameter neck ring for easier service inspection
- Internal corrosion protected with 1mm PE coating
- Container with external thread for protection of the anti-corrosive coating, even in the threaded area
- High corrosion protection for entire unit, inside and out
- Steel cylinder finished in high quality polyester powder coating, free of Cadmium and Triglycid Isocyanurate
- Rubber padded wall bracket protects coating

### Additional product features

- **Foam model S 6 DF:** Swirl-effect, multi-spray nozzle for optimal droplet size and projection range
- **Water model W 9 DF:** 1-tip nozzle for optimal droplet size and projection range

### Tests and Approvals

- Approved to BS EN 3 (Kitemark®)
- Cylinder and entire extinguisher tested to European Pressure Equipment Directive (PED)
- CE mark according to PED 97/23/EG
- Cylinder 100% pressure tested
- Each cylinder is inspected using high-voltage test equipment at the initial coating stage and at the final production process
- Extinguisher, valve and hose corrosion tested (ISO 3768)
- Suppression agent tested and certified by European toxicological and hygiene safety Notified Body
- Manufacturer is ISO 9001:2000 certified by TÜV CERT





## S 6 DF 6 ltr Foam - (Anti-Freeze)



Fires involving solid materials, usually of an organic nature, in which combustion normally takes place with the formation of glowing embers.



Fires involving liquids or liquifiable solids.

## W 9 DF 9 ltr Water - (Anti-freeze)



Fires involving solid materials, usually of an organic nature, in which combustion normally takes place with the formation of glowing embers.

### Accessories

A comprehensive range of accessories, refills and spare parts is available for these extinguishers. Please contact your local supplier for further information.

Specifications	S 6 DF - 6 ltr Foam / Anti-freeze	W 9 DF - 9 ltr Water / Anti-freeze
Cylinder	Steel	Steel
Ratings	13A / 144B	21 A
Approval	According to BS EN3	According to BS EN3
Temperature Range	-20°C to 60°C	-20°C to 60°C
Discharge Time	24 sec	74 sec
Weight	11.0kg	16.2kg
Width	225mm	240mm
Height	565mm	530mm

# Water Portables

## Standard

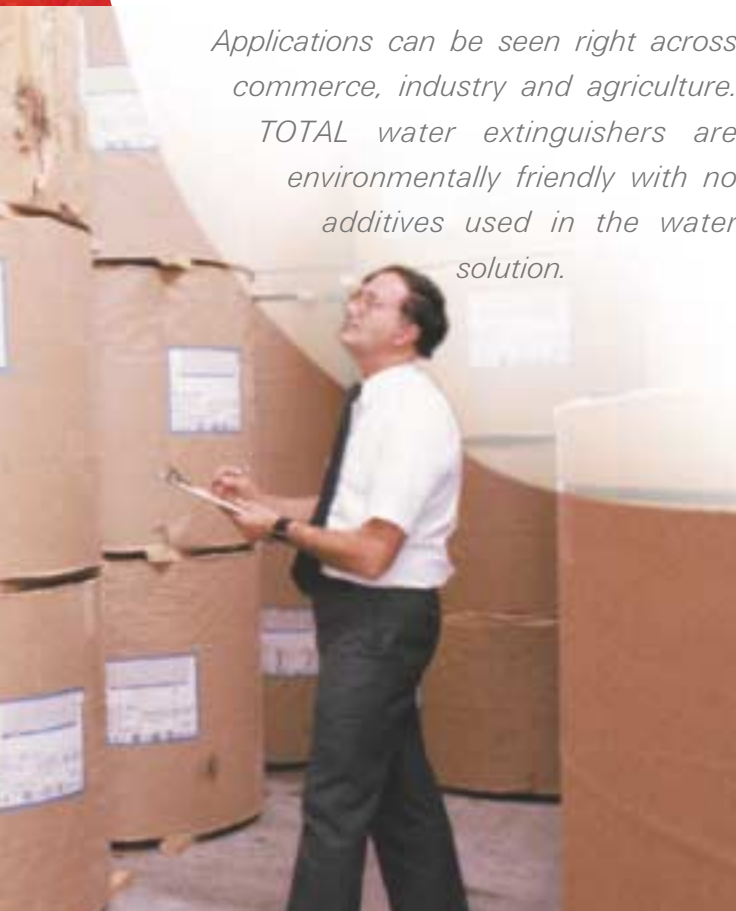
### *Traditional update*

*Water is the traditional antidote to fire, but in these portables, this well-established principle is brought right up-to-date, with optimal bead dimension, impressive projection and delivery cessation. There are two versions; the standard and the anti-freeze protected (not shown here - see pages 24 and 25).*

*Internally protected against corrosion with a special coating and externally protected with a high quality powder coating and rubber padded wall bracket, these high quality portables can be relied on for a long term operational life against solid matter Class A fires consuming carbon-based materials.*

*Applications can be seen right across commerce, industry and agriculture.*

*TOTAL water extinguishers are environmentally friendly with no additives used in the water solution.*




### **Applications**

Designed for universal use against A rated fires of solid matter, such as wood, paper, straw, coal and textiles. Typical applications would be farm storage, paper mills and processing, wood working and machining and fabric handling and upholstery facilities.

### **Key product features**

- High ratings rating enhances safety margins
- Safe for inadvertent use on electrical equipment (up to 1000v at 1m distance)
- Squeeze grip control valve allows total control of the discharge
- Internal corrosion protected with 1mm PE coating
- High corrosion protection for entire unit, inside and out
- 1-tip nozzle for optimal droplet size and projection range
- Steel cylinder finished in high quality polyester powder coating, free of Cadmium and Triglycid Isocyanurate
- Pressure gauge for permanent pressure control
- A test valve is located behind the pressure gauge, ensuring a leak free seal and ease of maintenance
- Rubber padded wall bracket protects coating

### **Tests and Approvals**

- Approved to BS EN 3 (Kitemark®)
- Cylinder and entire extinguisher tested to European Pressure Equipment Directive (PED)
- W 9 DN Wheel-mark (  ) certified according to Marine Equipment Directive 96/98/EG
- CE marked according to PED 97/23/EG
- Cylinder 100% pressure tested
- Each cylinder is inspected using high-voltage test equipment at the initial coating stage and at the final production process
- Extinguisher, valve and hose corrosion tested to ISO 3768
- Suppression agent tested and certified by European toxicological and hygiene safety Notified Body
- Manufacturer is ISO 9001: 2000 certified by TÜV CERT

### **Accessories**

A comprehensive range of accessories, refills and spare parts is available for these extinguishers. Please contact your local supplier for further information.

## W 6 DN 6 ltr Water



## W 9 AKN 9 ltr Water



Fires involving solid materials, usually of an organic nature, in which combustion normally takes place with the formation of glowing embers.

Specifications	W 6 DN - 6 ltr	W 9 DN - 9 ltr	W 9 AKN - 9 ltr
Cylinder	Steel	Steel	Steel
Ratings	13 A	13 A	21 A
Approval	According to BS EN3	According to BS EN3	According to BS EN3
Temperature Range	5°C to 60°C	5°C to 60°C	5°C to 60°C
Discharge Time	44 sec	79 sec	32 sec
Weight	14.8kg	10.0kg	15.0kg
Width	240mm	225mm	280mm
Height	535mm	565mm	540mm

# Carbon Dioxide (CO<sub>2</sub>) Portables

## Standard

### *All-round performance*

*There will always be a role for the reliable, all-rounder... a carbon dioxide portable extinguisher of robust design, crafted with care to tackle a range of demanding Class B fires.*

*Finished with a powder coated body, these are versatile and highly competent extinguishers, safe to use on live electrics. When the call is for a dependable carbon dioxide portable, these extinguishers are the perfect choice.*

*And of course they come with all the quality and testing assurance you expect of TOTAL.*

### Applications


Intended for class B fire risks, CO<sub>2</sub> is suited to electrical and flammable liquid risks, for example: fats, oils and solvents. It does not contaminate electrical equipment, making it suited to the modern office environment and electrical hazards.

Intended for wall mounting, a sturdy bracket is included. The 2kg Marine version has a separate heavy-duty vehicle bracket for transit related risks.

### Key product features

- High fire rating enhances safety margins
- Safe for inadvertent use with electrical equipment (up to 1000v at 1m distance)
- Squeeze grip control valve allows total control of the discharge
- Container covered with high quality polyester powder coating for vehicle. Marine bracket available on request
- Marine version including bracket available
- Lightweight Aluminium versions available, for easier handling
- Frost-free horn on 2kg version

### Tests and Approvals

- Approved to BS EN 3 (Kitemark®)
- Wheel-marked version (  ) certified according to Marine Equipment Directive 96/98/EG
- Cylinder and entire extinguisher tested to European Pressure Equipment Directive (PED)
- CE marked according to PED 97/23/EG
- Cylinder 100% pressure tested
- Extinguisher, valve and hose corrosion tested to ISO 3768
- Bursting disc avoids over-pressurising
- Manufacturer is ISO 9001: 2000 certified

### Accessories

A comprehensive range of accessories, refills and spare parts is available for these extinguishers. Please contact your local supplier for further information.

There is a specific vehicle/marine bracket available for the 2kg model.





## PREMIUM KS 2 BG 2kg Carbon Dioxide



## PREMIUM KS 5 BG 5kg CO2 Carbon Dioxide



Fires involving  
liquids or liquifiable  
solids.

Specifications	Standard KS 2 BG - 2kg	Premium KS 2 BG - 2kg		Premium KS 5 BG - 5kg	
Cylinder	Aluminium	Aluminium	Steel	Aluminium	Steel
Ratings	34B	55B	34B	89B	89B
Approval	According to BS EN3	According to BS EN3		According to BS EN3	
Temperature Range	-20°C to 60°C	-20°C to 60°C		-20°C to 60°C	
Discharge Time	12 sec	9 sec		14 sec	
Weight	5.2kg	5.5kg	6.5kg	12.5kg	14.8kg
Width	178mm	270mm	270mm	330mm	330mm
Height	493mm	500mm	495mm	685mm	690mm

# Powder Portables

## Standard

### *Mixed risk protection*

*TOTAL standard powder agent extinguishers offer the widest range of suitabilities as they can tackle A, B and C class fires, including flammable gas, making them the appropriate choice for areas of mixed fire risks.*

*A hundred years of expertise is built into every TOTAL extinguisher - a pedigree that says a whole lot about product reliability and, like all TOTAL product, the units are designed for ease of use by unskilled or professional users alike.*

*For go-anywhere, do-anything flexibility, these genuine high performers are worth your serious consideration.*


### Applications

Universal use in A, B and C class fires, making them suited for areas of mixed risks. These units are particularly suited to flammable liquid fires as well as flammable gas fires, such as methane, propane, hydrogen and natural gas. The 1kg and 2kg versions are available for cars, boats and home protection with a sturdy bracket for wall mounting.

### Key product features

- High fire rating enhances safety margins
- Safe for inadvertent use on electrical equipment (up to 1000v at 1m distance)
- Pressure gauge with permanent pressure control
- Squeeze grip control valve allows total control of the discharge
- PG1E / PG2E are specially designed for single handed use (for example, in the case of a car fire)
- A test valve is located behind the pressure gauge, ensuring a leak free seal and ease of maintenance
- Specialised production technology for powder extinguishant - high flow, moisture resistant
- Steel cylinder finished in high quality polyester powder coating, free of Cadmium and Triglycid Isocyanurate
- Rubber padded wall bracket protects coating (6 and 9 kg)
- Vehicle bracket included with sturdy fastening strap on request.

### Tests and Approvals

- Approved to BS EN 3 (Kitemark®)
- Wheel-mark (  ) certified according to Marine Equipment Directive 96/98/EG
- Cylinder and entire extinguisher PED tested to European Pressure Equipment Directive (PED)
- CE marked according to PED 97/23/EG
- Cylinder 100% pressure tested
- Extinguisher, valve and hose corrosion tested to ISO 3768
- Manufacturer is ISO 9001: 2000 certified



## PG1 ES / E 1 kg Powder



## PG 2 ES / E 2 kg Powder



Fires involving solid materials, usually of an organic nature, in which combustion normally takes place with the formation of glowing embers.



Fires involving liquids or liquifiable solids.



Fires involving gases.

## PG6 PDY 6 kg Powder



## PG9 PDY 9 kg Powder



### Accessories

A comprehensive range of accessories, refills and spare parts is available for these extinguishers. Please contact your local supplier for further information.

Specifications	PG1 E - 1kg	PG1 ES - 1kg	PG2 E - 2kg	PG2 ES - 2kg	PG6 PDY - 6kg	PG9 PDY - 9kg
Cylinder	Steel	Steel	Steel	Steel	Steel	Steel
Ratings	8A / 34B/C	8A / 34B/C	13A / 89B/C	13A / 89B/C	34A / 183B/C	43A / 233B
Approval	According to BS EN3					
Temp. Range	0°C to -20°C	0°C to -20°C	0°C to -20°C	0°C to -20°C	-20 to 60°C	-20 to 60°C
Discharge Time	7 sec	7 sec	12 sec	12 sec	>15 sec	>19 sec
Weight	2.0 kg	2.0kg	3.5kg	3.5kg	10kg	15kg
Width	120mm	120mm	130mm	130mm	230mm	250mm
Height	286 mm	279mm	355mm	346mm	530mm	505mm



**Sicherheit und Feuerschutz**  
**Safety and Fire Protection**

# Portable Fire Extinguishers

Made in Germany

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