



# PRODUCT TECHNICAL SPECIFICATIONS

Nr. TP-28  
REV. 10  
DATE: 03-06-2019

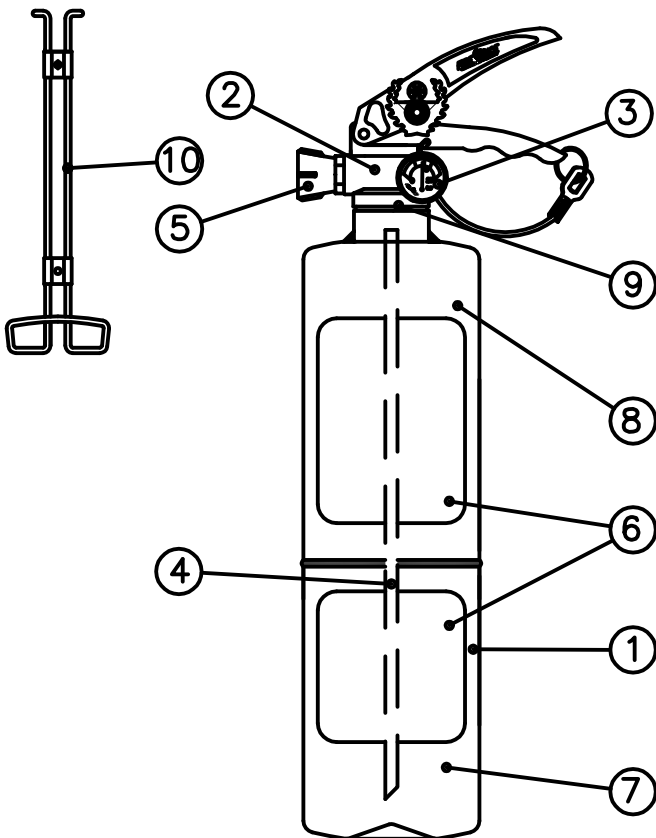
**PRODUCT:**  
PORTABLE FIRE EXTINGUISHER OF 1 kg POWDER ABC

**TYPE:** PORTABLE FIRE EXTINGUISHER ABC  
**CODE:** FI10

**FEATURES:**

Permanently pressurized, multipurpose powder fire extinguisher in rechargeable steel cylinder.

**SKETCH:**



**REGULATIONS AND REGISTERS**

- Pressure Equipment Directive 2014/68/UE;
- Pressure Equipment Regulations;
- Regulation of fire protection facilities;
- European standard EN 3 parts 7 - 8 - 10;
- ES UNE-EN 615. Fire extinguishing media;
- ES UNE-EN 10130: Cold-rolled low carbon steel flat products;
- Mark ;
- Quality assurance according UNE EN ISO 9001;
- Mark product quality;
- Quality management system certificate.

**TECHNICAL SPECIFICATIONS**

|                                   |           |
|-----------------------------------|-----------|
| Test pressure                     | 27 bar    |
| Working pressure ( 20 °C)         | 17,5 bar  |
| Fire rating (efficacy)            | 5A 21B C  |
| Load (tolerance: ±5%)             | 1 kg      |
| Working temperatures              | -30/60 °C |
| Propelling load (tolerance: ±10%) | 20 g      |

**DIMENSIONS**

|                                 |             |
|---------------------------------|-------------|
| Height                          | 375 mm      |
| Diameter                        | 80 mm       |
| Nominal thickness               | 1,5 mm      |
| Volume                          | 1,25 liters |
| Tare(cylind, valv and syp tube) | 1,28 kg     |
| Total mass                      | 2,46 kg     |

| Nr. | DESCRIPTION OF THE PART       | MATERIALS                      | QUANT. |
|-----|-------------------------------|--------------------------------|--------|
| 1   | CYLINDER FI 10                | Steel plate DC-04              | 1      |
| 2   | VALVE FI 30                   | Brass, steel and rubber        | 1      |
| 3   | GAUGE (ø23 mm)                | Chrome-plated brass            | 1      |
| 4   | SYPHON TUBE FI 10             | PVC                            | 1      |
| 5   | SPRAY NOZZLE FI 10            | Polypropylene                  | 1      |
| 6   | LABEL (UPPER AND LOWER) FI 10 | Silkscreen or adhesive acetate | 1      |
| 7   | EXTINGUISHER MEDIA            | ABC multipurpose dry powder    | 1 kg   |
| 8   | PROPELLANT                    | Dry nitrogen (N <sub>2</sub> ) | 20 g   |
| 9   | CYLINDER SEAL FI 30           | Elastomer                      | 1      |
| 10  | VEHICLE SUPPORT FI 10         | Steel and silicone             | 1      |

**SAFETY DEVICES:**  
Safety pin in handle of operation.  
Safety seal in safety pin.

**COMMENTS:**  
Suitable for: A, B and C fire. (Also with presence of electrical tension);  
It must not be used in D fires or reactive material (Na, K, Mg);  
Painting 100% polyester powder polymerized in oven color RAL 3000;  
The instructions of use and maintenance must be consulted.

**NEW FIRE ICE, S.L.U.**  
Políg. Ind. de Castellanos, parc. 302; CASTELLANOS DE MORISCOS 37439  
(Salamanca) ESPAÑA (SPAIN) Tlf 34-923361557, Fax 34-923361394

**PREPARED:**

**APPROVED:**

A. G. REDONDO.

J. CASTILLA C.