

TECHNICAL DATA SHEET

MECHA DE SEGURIDAD BLANCA (WHITE SAFETY FUSE)

Generic Name by SUCAMEC: SAFETY FUSE

DESCRIPTION AND COMPOSITION:

The WHITE SAFETY FUSE is a blasting accessory and a component of the traditional initiation system. It is characterized for being flexible and has a central core of gunpowder, which transmits the fire to the fulminant, at a uniform speed; it is covered by several layers of different materials that guarantee the continuity of combustion and compaction.

These components are protected by a plastic coating.

The whole assembly ensures that the Safety Fuse has an excellent impermeability, resistance to humidity, abrasion and mechanical stress, even in the most demanding conditions; it also prevents the spread of fire from one section of Safety Fuse to another when they are close to each other, minimizing the production of lateral sparks.


USES:

The WHITE SAFETY FUSE is used to initiate the Plain Detonator as long as the following recommendations are met at the time of assembly:

- The SAFETY FUSE should be cut perpendicular to its axis.
- Avoid dropping the powder core of the SAFETY FUSE by rough handling of the cut ends or any other case.
- Place the SAFETY FUSE in contact with the explosive charge of the Detonator, taking care not to leave empty spaces.

The handling temperature range of the WHITE SAFETY FUSE is from -5 to 35° C. For different temperatures it is recommended to contact the Technical Assistance area.

TECHNICAL CHARACTERISTICS:

	UNIT	WHITE SAFETY FUSE
Plastic coating color	---	White
Gunpowder core	g/m	6.1 ± 0.7
Combustion time s.l.	s/m	160 ± 10
Outer diameter	mm	5.2 ± 0.2
Impermeability	---	Very good

s.l. = sea level

The values expressed are results at normal conditions (20°C and 1 atm.)

PACKAGING:
Packing 1.4S

	BOX MATERIAL	BOX CAPACITY	NET WEIGHT (Kg)	GROSS WEIGHT (Kg)	OUTER DIMENSIONS (cm)
WHITE SAFETY FUSE	Cardboard	2 rolls x 500 m	24.1	24.8	37.1 x 37.1 x 31.0

DOT approved packaging (EX0101171).

TRANSPORT:

Class : 1
Division : 1.4S
UN No. : 0105

**STORAGE AND WARRANTY:**

WHITE SAFETY FUSE should be stored in powder magazines at **temperatures between 0°C to 30°C**, located in safe, well ventilated, dry areas, protected from rain and heat. Also, the explosive inventory should be rotated, avoiding the use of new materials before using old ones. And it must be stored according to the current compatibility table of the relevant authority.

The WHITE SAFETY FUSE kept in its original packaging and stored in the above mentioned temperature conditions has a **warranty period of 12 months** after its production date.

WARNING:

FAMESA EXPLOSIVOS S.A.C. has safe products, but they may become dangerous elements in inexperienced hands.

The purchaser or user must comply with the applicable regulations during transport, storage and use, as well as train duly all its personnel involved in its loading and handling, providing mechanical aids for loads over 25 kg per person.

FAMESA EXPLOSIVOS S.A.C. assumes no liability for transport, storage and/or improper use their products may experience.

The information and recommendation described in this document do not necessarily cover all product applications nor the different conditions under which it is being used. These are based on the experience, research and tests done by Famesa Explosivos S.A.C., who does not guarantee favorable results nor assume any responsibility, expressed or implied, in relation to the use of these suggestions. This product may be changed without prior notice.