

TECHNICAL DATA SHEET

FULMINANTE COMÚN (PLAIN DETONATOR)

Generic Name by SUCAMEC: FUSE DETONATOR OR PLAIN DETONATOR

DESCRIPTION AND COMPOSITION:

The PLAIN DETONATOR consists of a cylindrical aluminum capsule closed at one end, inside which there is a primary explosive very sensitive to the spark of the Safety Fuse and a secondary explosive of high explosive power.

Given the quality of the inputs used in the manufacture of the product, these provide maximum safety and efficiency in use.

TYPES AND USES:

In order to satisfy the requirements of the market, FAMESA EXPLOSIVOS S.A.C. has the following types of detonator:

- PLAIN DETONATOR No. 6
- PLAIN DETONATOR No. 8

The PLAIN DETONATOR is designed to be initiated by the spark of a safety fuse and is used as primary initiator; thus, we have:

- PLAIN DETONATOR No. 6: is used to initiate the FAMESA DYNAMITE.
- PLAIN DETONATOR No. 8 It is used to initiate EMULNOR (Cartridge Emulsion) and FAMESA DYNAMITE.

The handling temperature range of the PLAIN DETONATOR is from 0°C up to 50°C. For different temperatures it is recommended to contact the Technical Assistance area.


TECHNICAL CHARACTERISTICS:

	UNIT	PLAIN DETONATOR No.6	PLAIN DETONATOR No. 8
Detonator length	mm	45.0	45.0
Detonator diameter	mm	6.3	6.3
Esopo Test, Drilling Diameter	mm	Min. 9.0	Min. 9.0
Trauzl Volume	cm ³	Min. 20.0	Min. 23.0
Resistance to relative humidity of 100% for 24 hours.	-	Detonates	Detonates
Resistance to Impact 2 kg/1m	-	It does not detonate	It does not detonate
Sensitivity to the safety fuse spark	-	Good	Good

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

PACKAGING:

In corrugated cardboard boxes, containing duplex cardboard boxes of 100 units each.

Packaging 1.1B

	BOX MATERIAL	BOX CAPACITY	NET WEIGHT (Kg)	GROSS WEIGHT (Kg)	OUTER DIMENSIONS (cm)
PLAIN DETONATOR No. 6	Cardboard	100 boxes x 100 units	13.6	16.4	36.8 x 32.0 x 21.9
PLAIN DETONATOR No. 8	Cardboard	100 boxes x 100 units	14.4	16.8	36.8 x 32.0 x 21.9

Packing 1.4S (*)

	BOX MATERIAL	BOX CAPACITY	NET WEIGHT (Kg)	GROSS WEIGHT (Kg)	OUTER DIMENSIONS (cm)
PLAIN DETONATOR No. 6	Cardboard	90 units	0.12	2.20	36.0 x 36.0 x 20.0
PLAIN DETONATOR No. 8	Cardboard	90 units	0.13	2.21	36.0 x 36.0 x 20.0

(*) DOT approved packaging (EX2015090733).

TRANSPORT:

Class : 1
Division : 1.1B
UN No. : 0029



Class : 1
Division : 1.4S
UN No. : 0455


STORAGE AND WARRANTY:

PLAIN DETONATOR should be stored in powder magazines at **temperatures between 0 and 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.

PLAIN DETONATOR kept in its original packaging and stored in the above mentioned temperature conditions has a **warranty period of 18 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.