

TECHNICAL DATA SHEET

MECHA RÁPIDA (FAST FUSE) Z-18

Generic Name by SUCAMEC: IGNITION CORD

DESCRIPTION AND COMPOSITION:

The FAST FUSE Z-18 is a component of the traditional blasting initiation system, composed of a pyrotechnic mass, two wires and an outer covering of plastic material.

The FAST FUSE Z-18 produces an incandescent flame during its combustion with sufficient temperature to activate the pyrotechnic mass of the FAST FUSE CONNECTOR, which in turn ensures the efficient ignition of the SAFETY FUSE.

USES:

FAST FUSE Z-18, which is assembled to the FAST FUSE CONNECTOR, seeks to cease the ignition or individual spark of the "armadas" or "primas", avoid the operator is exposed to activities with the presence of fumes, and allow the safe evacuation of personnel given the possibility of an early initiation, since if used appropriately it gives the operator enough time to move to a safe place.



In order to make each connection on the ignition networks, the FAST FUSE Z-18 is inserted into the groove of the FAST FUSE CONNECTOR and the base of the FAST FUSE CONNECTOR is pressed to ensure good contact. Such connection can also be done through winding or "tourniquet" or by using the "fastening block" (plastic collar) that is additionally supplied.

The blasting plan should consider that the FAST FUSE Z-18 length to be used should be such that all "armadas" or "primas" are activated and burning inside drills before the first "drill" detonates.

The handling temperature range of the FAST FUSE Z-18 is from 0°C to 35°C. For different temperatures it is recommended to contact the Technical Assistance area.

TECHNICAL CHARACTERISTICS:

	UNIT	FAST FUSE Z-18
Fast Fuse color	---	Red
Outer covering material	---	Plastic
Combustion time s.l.	s/m	35 ± 5
Outer diameter	mm	2 ± 0,3
Total weight	g/m	Min. 6.0

s.l. = sea level

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

PACKAGING:
Packing 1.4G

	BOX MATERIAL	BOX CAPACITY	NET WEIGHT (Kg)	GROSS WEIGHT (Kg)	OUTER DIMENSIONS (cm)
FAST FUSE Z-18*	Cardboard	10 rolls x 150 m	10.50	11.50	45.3 x 27.3 x 14.0
FAST FUSE Z-18 (50M)**	Cardboard	40 rolls x 50 m	13.65	14.75	43.3 x 34.1 x 15.0

*DOT approved packaging (EX2007100501).

**Non-approved packaging.

TRANSPORT:

Class : 1

Division : 1.4G

UN No. : 0066


STORAGE AND WARRANTY:

FAST FUSE Z-18 should be stored in powder magazines at **temperatures between 0°C 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.

The FAST FUSE Z-18 kept in its original packaging and stored in the above mentioned temperature conditions has a **warranty period of 36 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.