

TECHNICAL DATA SHEET

CONECTOR PARA MECHA RÁPIDA (FAST FUSE CONNECTOR)

Generic Name by SUCAMEC: IGNITION CORD CONNECTOR

DESCRIPTION AND COMPOSITION:

The FAST FUSE CONNECTOR is an aluminum capsule containing a pyrotechnic charge inside, with a groove parallel to its base, which is painted red to differentiate it from the Plain Detonator.

The FAST FUSE CONNECTOR is a complement of the Fast Fuse and was developed as a safety element. The FAST FUSE CONNECTOR is the element that receives the heat from the Fast Fuse to ignite and initiate the Safety Fuse, allowing a safe and efficient connection even in severe humidity conditions.

To obtain a secure contact between the Fast Fuse and the FAST FUSE CONNECTOR, the Fast Fuse must be placed in the groove and secured by winding or "tourniquet".

The plastic collar (orange) can also be used to secure the Fast Fuse.


USES:

The FAST FUSE CONNECTOR is used to ensure a correct fixation between the Fast Fuse and the Safety Fuse and therefore its safe initiation.

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

TECHNICAL CHARACTERISTICS:

	UNIT	FAST FUSE CONNECTOR 45 mm
Outer diameter	mm	6.3
Cap length	mm	45
Groove width	mm	2.3 ± 0.2
Pyrotechnic material charge	g	0.5 ± 0.1
Charging height	mm	11.0 ± 3.0

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

PACKAGING:
Packing 1.4G

	BOX MATERIAL	BOX CAPACITY (Pcs.)	NET WEIGHT (Kg)	GROSS WEIGHT (Kg)	OUTER DIMENSIONS (cm)
FAST FUSE CONNECTOR 45 mm	Cardboard	40 boxes x 100 units	4.7	6.0	36.5 x 33.0 x 12.0

DOT approved packaging (EX2007100502).

TRANSPORT:

Class : 1
Division : 1.4G
UN No. : 0325



STORAGE AND WARRANTY:

The FAST FUSE CONNECTOR should be stored in 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 CONNECTOR 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.