

SAFETY FUSE



Description

H Safety fuse consists of a black power core, tightly wrapped with several cotton yarns. An external layer of PVC or asphaltic mixture protects safety fuse against moisture.

Technical data

	type PVC	type BC
Weight of black powder core:	5gr./m	5gr./m
Burning speed:	110±10 sec/m	115±10 sec/m
External covering:	PVC	Bitumen
Gap sensitivity:	25 mm	25 mm
Fuse diameter:	5 mm	5 mm

5% deviation is permitted to the above specifications

Application

Safety fuse is used together with plain detonators to initiate cap sensitive explosives. Through the core load, the flame is conveyed at a steady and controlled speed. However, deviation in the burning speed declared by the manufacturer is accepted, due to handling, storage and climatic conditions. Therefore, burning speed should always be verified by accurate timing of a sample from each coil just before use, while the length should be at least 1.0m.

It is important to know that fuse burns at the core and not with its cover. The cover may burn without the ignition of the core. When properly ignited, the core ignites with a jet of flame called the "ignition spit". The ignition spit shoots out the end of the fuse the moment the powder core is lighted.

Packaging

Safety fuse is delivered in coils 250 m long.
1,000 m safety fuse is packed in a carton box.

Storage

Safety fuse should be handled stored and used according to the national laws and regulations. It should be stored in a clean, dry, well-ventilated place. Storage temperature between +7°C and +30°C is highly recommended.

Provided that storage conditions are appropriate, it is recommended to use safety fuse within 24 months.
Product shelf life can be further extended after examined by the supplier.

Product classification

Commercial Name:	Safety Fuse
Technical Name:	Safety Fuse
UN - number:	0105
Division/Compatibility Group:	1.4S

