



FireBreak™ - Wire Cutting Tool

The FireBreak™ is a cost-effective, disposable, explosively-driven wire cutter, typically used to cut command wires and isolate IED components, for example pressure plates. Used operationally in Afghanistan, the FireBreak™ is small, light, effective and simple to use. It can be actuated by a standard detonator or electric squib and does not require special ammunition.

What makes the FireBreak™ unique is its speed when fired. The FireBreak™ acts faster than a detonator can actuate, therefore reducing the risk to the operator and the risk of detonating the device.

The FireBreak™ delivers comparable performance to gun-based wire-cutters currently in use. FireBreak™ is available with a steel blade and benefits from a cardboard body as it does not recoil, ensuring there is minimal fragmentation and improved protection for the operator.

Also available for underwater use, this version comes with a non-conducting ceramic blade and in a plastic body. Both options are very affordable compared to gun-based types.

Features include:

- > User-Filled & Lightweight
- > Disposable
- > Easy to Use & Low Cost
- > Powered by a wide range of detonators or pyrotechnic squibs

Composition

The FireBreak™ is manufactured in cardboard and plastic and consists of a small calibre barrel containing a captive cutting blade which is projected forwards through a wire to give a highly precise and neat cut. It has a detonator housing and adaptor at one end, into which can be fitted a single military or commercial detonator, or pyrotechnic squib, e.g. an EOD Sound Unit.

Speed & Accuracy

The FireBreak™ would normally be positioned to cut just one conductor of twisted-twin command wire. However, if both conductors do have to be cut together, the FireBreak™ has been specifically designed not to provide a connection that will cause a detonator to function.

Unique Benefits

The FireBreak™ is small, lightweight and an Operator can carry many at a time. It is a one-shot, disposable product; there is no need to recover reusable components such as a disruptor barrel. The FireBreak™ has no recoil. The training time required to use FireBreak™ effectively is small. FireBreak™ does not have a captive blade, this allows the cutter to be placed against a wire without having to disturb it, if required.

For further information

Contact sales@explosives.net, telephone +44(0)1249 65 1111 or speak to your authorised Alford representative.

Specifications

Dimensions	122mm length x 25mm width
Contents	5 per pack
Weight	20g
NEQ	<1-1g
Colour	Grey/Blue
Part No.	FB1901 (steel) FB1902 (ceramic)
NSN	1375-99-993-1363
Blades	Steel or Ceramic



Firebreak - Underwater version



Single Wire Cut



Double Wire Cut



Wire Guide to Hold Wires in Place

Other products to consider:

DemiMod™ – for small IEDs

QMod™ & MajorMod™ – for medium to large sized IEDs

Vulcan™ & Pluton™ – for point-focal disruption



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