



FireBreak™

FireBreak™ is a disposable explosively-driven precision wire cutting tool. It is used to cut IED wires in order to isolate individual components as part of a Render Safe Procedure (RSP). Used operationally in Afghanistan and West Africa, the FireBreak™ is small, light, precise and simple to use. It can be actuated by a standard detonator or electric squib and does not require special ammunition natures.

The FireBreak™ delivers comparable cutting performance to bared disruptor based wire-cutters currently in use, but it has far higher speeds reducing the risk of causing an unplanned detonation during firing.

The construction of the FireBreak™ ensures that there is minimal fragmentation from the body, ensuring only the targeted component of the IED is affected during the RSP.

There is also an underwater version available for use.

Features include:

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

Composition

The FireBreak™ is manufactured out of 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 and 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 and 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



Single Wire Cut



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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