



## Alford Strip™

The Alford Strip™ is a highly efficient tamped strip charge used to split wooden doors, remove windows, cut laminated glass and breach uPVC doors. It can also be used as an impulse charge for attacking heavy metal security doors. It enables users to use approximately 1/3 to 1/4 of the NEQ needed to breach using untamped charges.

The strip charge is a plastic extrusion filled with an inert water-based gel or clay, which gives enhanced tamping combined with minimal fragmentation. It is designed to reduce the NEQ of strip charges to a bare minimum. The Alford Strip™ is extremely easy to use and can be swiftly deployed.

Available in two sizes, 25mm and 42mm, the size of charge can be selected according to the type of target and NEQ required. For softwood, hardwood doors or uPVC doors and windows use the 25mm charge, and for multi-skinned security doors, armoured windows, or even for wall breaching, use the 42mm charge.

### Features include:

- > Very low variable net explosive quantity (NEQ)
- > Highly configurable to suit the target type
- > Quick and easy to load
- > Widely popular with the worldwide breaching community
- > Choice of water based gel or clay filling in two sizes 25mm or 42mm

**ALFORD**  
WHEN YOU CAN'T AFFORD TO FAIL

## Explosive Load & Performance

The Alford Strip™ can be loaded with detonating cord allowing precise measurement and adjustment of the charge load. The 42mm version can also be loaded with plastic explosive if necessary. Tamping is provided by a water-based gel or clay, which significantly reduces the blast overpressure and shortens the required stand-off distance therefore minimising the risk to the breacher.

## Deployment to Target

Strip charges are lightweight and can be assembled, loaded and deployed to a target within minutes. The strips are supplied in three different lengths and these can be cut with a hacksaw should you need to resize them further. Corner pieces and T-joints can be purchased which will assist in the construction of a frame charge. Ends of the gel filled cut charges can be sealed using End Caps which will contain the water-based gel.

Once the charges are constructed they can be affixed to the target using Breacher's Tape™ or HydroTape™ which has high adhesive properties and is good for most dry surfaces. Alternatively, Hydro Tape™ can be used for surfaces that are damp, dirty or upon which the charge may require repositioning.

## Safety

Operator safety is an integral consideration in the development of Alford products, and the Alford Strip™ is no exception. No metal is used in the construction of the Alford Strip™ thus ensuring very low fragmentation. Most of the explosive is surrounded by water or clay on all sides (the only explosive exposed being the linkage between multiple charges). This arrangement provides tamping for the explosive, lowers the overpressure and causes a higher proportion of the explosive energy to be imparted to the target structure. The water or clay also suppresses the flash of the explosive, greatly reducing the probability of injury & fire.

Size	25mm x 15 x 1000mm
NEQ Min	5g/m (25 grains/foot) detcord
NEQ Max	20g/m (100 grains/foot) detcord
Size	42mm x 27 x 1000mm
NEQ Min	20g/m (200 grains/foot) detcord
NEQ Max	60g/m (300 grains/foot) detcord

Note: Other weights of detonating cord may be used to achieve lighter or heavier loads. The clay filled charge is an alternative product to standard version, based on user preference. The 42mm can also be filled with Plastic Explosives - ask for details.

**Warranty and shelf life of 5 years for this product. Please follow manufacturers storage recommendations.**

## For further information

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



Preparing the charge



Placing the charge



Securing the detonator



Fire Door - Before & after

## Other products to consider:

Breacher's Boot™ & Mini Breacher's Boot™ - light / heavy doors

Gatecrasher™ & Gatecrasher Modular™ - for wall breaching

Hydotape™ and Breacher's



[www.explosives.net](http://www.explosives.net)  
T +44(0)1249 65 1111

E [info@explosives.net](mailto:info@explosives.net)  
F +44(0)1249 65 6444

Alford House, Epsom Square, White Horse Business Park, Trowbridge,  
BA14 0XG, United Kingdom

