AIR SEA LAND GROUP

BLAST CONTAINER

Blast containment system for suspect packages / items

- BLAST PROTECTION
- EVENT VENUES
- OFFICES / TERMINALS

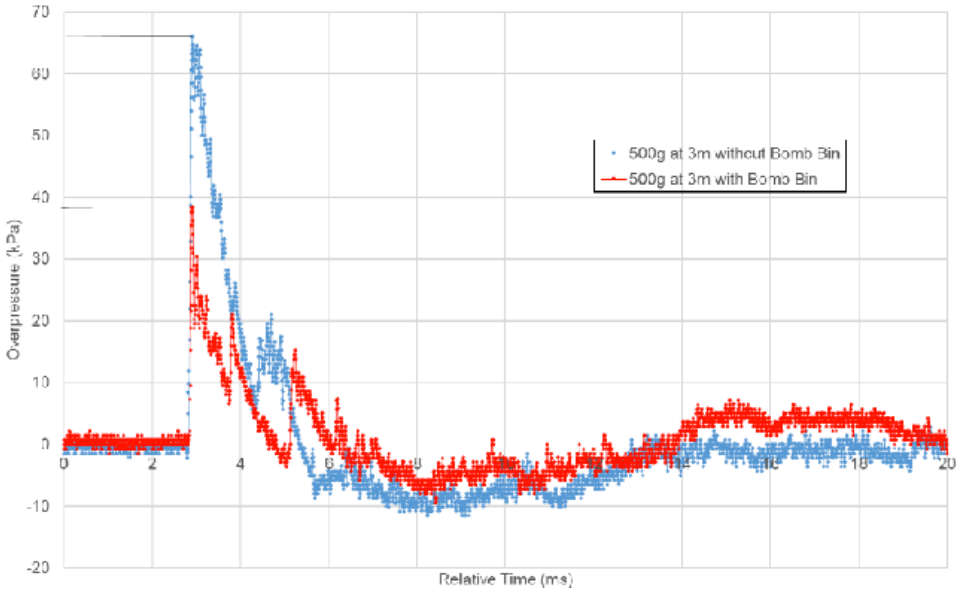
The Blast Container is a cylindrical assembly consisting of composite woven fibres designed to withstand blast and fragments from an explosive device containing up to 500g (16 oz) of PE4.

The Blast Container is designed to compliment scanning and x-ray equipment. The container enables the user to contain a suspect explosive device while awaiting the arrival of a bomb disposal team. The removable inner bag is designed to hold the device in an upright position.

While the datum points on the outside of the container assist the First Responder/Bomb Disposal Team in scanning and determining the threat and the appropriate action required.

Each unit is coated in a highly visible day glow orange.
The container consists of three components: The main unit, detachable base plate (optional) and removable retaining bag with handles.

The graph below is from a test conducted with an ASL GRP Blast Container and shows the reflected pressure measured at 2m from the centre of the charges fired with and without a bin. It is clear from this data that the blast bin influences the blast experienced at 2m from the charge. The peak reflected overpressure m for 500g PE when not using a blast bin was approximately 490kPa, this reduces to approximately 60kPA when a bomb bin is used - which is a significant reduction.



Pressure measurements at 3m with and without a blast bin

SPECIFICATIONS

- Max charge capacity: 500g
- Height: 900mm
- Outer diameter: 535mm
- Inner diameter: 517mm
- Wall thickness: 18mm
- Weight: 47kg

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