

Modular Stick Charge (MSC)



The Modular Stick Charge is a pre-made advanced breaching tool that incorporates the latest in new materials with 0.5" tamping gel, auxetic foam, PRIMASHEET®1000 explosive sheet, a SOB® Slip-On-Booster, and Detonating Cord into a revolutionary ready-made charge for explosive door breaching. The Modular Stick Charge has tamping gel and auxetic foam that increases the charge's performance against both push and pull doors. The charge includes a length of detonating cord for connecting standard detonators. This same length of detonating cord incorporates the revolutionary connecting system that allows users to add or takeaway sticks depending on your target.

The charge assembly is vacuum-sealed in a barrier bag for maximum protection and storage life. The Pre-Made Charge is manufactured under controlled conditions, providing high consistency, quality, and reliability. All of the explosive components are designed, manufactured, and qualified for use by US Military and International Forces.

APPLICATION:

- Designed to defeat lock sets on wood and metal doors
- No field assembly required – open and go
- Modular Design:
 - » unique detonating cord connecting system allows users to connect additional charges

PROPERTIES:

- Charge size - 0.65" wide x 14" long (16 mm x 356 mm)
- PRIMASHEET®1000 (PETN based) - 0.65" wide x 14" long x 0.062" thick (16 mm x 356 mm x 1.5 mm) slotted configuration
- Detonating Cord - 50 gr/ft (10 g/m) 7" (18 mm for attachment of standard military detonators)
- SOB® Slip-On-Booster - for reliable initiation and detonation transfer
- Hydrogel - for target placement
- Tamping gel - for improved target defeat
- Compliant with Montreal Protocol taggant (tracer) levels

EBAD™ products that MSC charges are made from:



SOB® Slip-On-Booster

PRIMASHEET® 1000

Detonating Cord

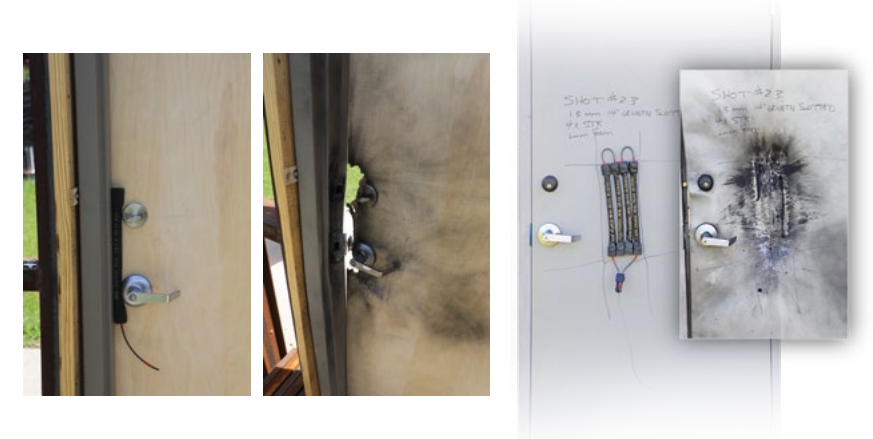
MODULAR STICK CHARGE (MSC):

PART NUMBER	DIMENSIONS	EXPLOSIVE MATERIAL	NET EXPLOSIVE WEIGHT	HAZARD CLASS
D12348-1	0.65" wide x 14" long (16 mm x 356 mm)	PETN	0.71 oz 20.1 grams	1.1D

OPERATIONAL STEPS:

1. The Modular Stick Charge is deployed by removing the backing strip from the adhesive on the desired side of the charge.
2. The charge is then placed on the specific target location (typically between the lockset and the door frame for push and middle of the door for pull doors) and pressed in place.
3. Once the charge is deployed, the detonator from an EBAD™ SKIN-PACK® or equivalent initiation device is attached to the Detonating Cord using an accepted method of attachment.

Modular design allows you to scale charge for your target



"One Charge Solution"
Eliminates the need to build and carry multiple charges



Innovative design using tamping gel and water jetted PRIMASHEET®1000 to lower N.E.W. helping reduce overpressure

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