

Satchel Charge



Satchel Charges are easy-to-use enhanced blast explosive devices designed for structure and confined space defeat utilizing blast overpressure and impulse effects.

The MK179 MOD 0 (10 lb) and MK180 MOD 0 (5 lb) Satchel Charges offer high level of blast overpressure and long impulse due to the EBAD™-developed PAX-47 charge. PAX 47 is an HMX and aluminum based cast-cure plastic bonded explosive (PBX) that is qualified to OES-DTL-0123.

The Satchel Charges are manufactured under controlled conditions, providing high consistency, quality, and reliability.

APPLICATION:

Designed for:

- Structure defeat
- Confined space (bunker and cave) defeat
- Blast overpressure effects

PROPERTIES:

- High blast overpressure and long impulse
- OES-DTL-0123 qualified HMX-based explosive (PAX-47 Cast-Cure PBX)
- Built-in magnets allowing stackability
- Reliable initiation and detonation transfer utilizing built-in PETN-based boosters
- Initiation using standard military detonators and/or 50 gr/ft (10 g/m) Detonating Cords



MK179 MOD 0, 10 lb Satchel Charge (top view, with detonating cord)

MSDS No:
MSDS8324774/1
MSDS8324775/1

EX20171 22030
Charges, Demolition, UN0048
1.1D

SATCHEL CHARGE

PART NUMBER	DESCRIPTION	US NATIONAL STOCK NUMBER	DODIC	NOMENCLATURE	NET EXPLOSIVE WEIGHT (nominal)		GROSS WEIGHT (nominal)		CHARGE DIMENSIONS L X W X H (nominal)		QTY PER CASE
					grams	lbs	grams	lbs	in	cm	
8324774	5 lb Satchel Charge	1375-01-580-6684	MP28	Charge, Demolition MK 180 MOD 0	2470	5.45	2950	6.50	6.2 x 6.2 x 3.0	15.7 x 15.7 x 7.6	10
8324775	10 lb Satchel Charge	1375-01-580-6678	MP27	Charge, Demolition MK 179 MOD 0	4530	9.99	5260	11.58	6.2 x 10.2 x 3.0	15.7 x 15.9 x 7.6	5



PACKAGING OPTIONS:

The MK179 MOD 0 and MK180 MOD 0 Satchel Charges are individually vacuum sealed into barrier bags and then placed into foam inserts inside a Storm Case.



Bunker Defeat (5 lb Satchel Charge)

This product and its components are protected under U.S. Patent Numbers 490,554 / 7,086,335 / 7,162,957 / 7,650,993 as well as a licensed Dyno Nobel Inc. U.S. Patent Number 5,597,974 and 5,365,851. Dyno Nobel Inc. U.S. Patent Number 5,597,974 and 5,365,851.

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