



MK180 MOD 0 5 lb Satchel Charge (bottom view, showing magnets)

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 very 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 rare earth magnets
- 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

EX2017122030
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 MIL-PRF-131 barrier bags and then placed into foam inserts inside a Storm Case (exterior dimensions 24.6" L x 19.7" W x 11.7" H (62.5 cm x 50.0 cm x 29.7 cm)).



Bunker Defeat (5 lb Satchel Charge)

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