

60 mm Mortar Bomb **SMK 60CRP** Smoke

NSN: 1315-50-001-5719

Performance:

The 60 mm Smoke Mortar Bomb **SMK 60CRP** (Smoke Commando) is designed for marking objects, targets, creating a smoke screen in order to mask friendly units' operations and is used for facilitation of the tactical deployment of friendly troops, as well as evading enemy fire.

- The smoke screen from the Bomb is also used for suppression of enemy surveillance and reconnaissance means, and prevention from aimed fire.
- Immediate creation of dense smoke screen.
- Bigger density of the smoke screen, compared to white phosphorous ammunition
- Provides igniting action.
- This Mortar Bomb is fuzed with:
 - AF66 (Point detonating, super quick action, boresafe type, muzzle safety distance 40 m) fuze.

Weapon compatibility:

The Mortar Bomb **AD 60C** is intended to be used with any type of smooth bore 60 mm Mortars of NATO Standard:

- COMMANDO Mortar M60CMA;
- M60MA;
- M2 and M19;
- BRANDT model 35;
- Tampella;
- Thompson Houston – Hotchkiss – Brandt Commando;
- M-57;
- M6H and M6C Hirtenberger;
- Commando CX1-M Expal;
- Etc.;
- and designed for fighting uncovered enemy manpower, as well as unarmored means of transportation.



60 mm Mortar Bomb SMK 60CRP Smoke

TECHNICAL DATA	SMK 60CRP
Caliber, mm	60 mm
Body material	Aluminum alloy
Length of fuzeed Mortar Bomb, mm/in	310 mm / 12.2 in
Total Weight of Mortar Bomb, kg/lbs.	1.15 kg / 2.5 lbs.
Smoke composition type	SMK-1 (based on red phosphorous)
Time of smoke creation, s	7 seconds
Duration of smoke creation, s	35 seconds
Volume of smoke cloud, m ³	8x10 ³
Highest Max Pressure, bar (piezo)	290 (0+2)
Fuze AF 610 arming distance, m	not less than 40 m
Operating Temperature Range, °C/°F	from -40°C to 50°C / -40°F to 122°F

BALLISTIC DATA	(WITH 640 MM BARREL COMMANDO)
Maximum Pressure, bar (piezo):	250 (0+2)
Max Range, m/yd	2,253 (0+2) m / 2,463 yds.
Maximum Muzzle Velocity, m/s	195 (0+2)
Class of explosion hazard:	1.2G, UN 0015

PACKING Version 1	SMK 60CRP
One fuzeed Mortar Bomb with 2 pcs. increment charges is packed in a Plastic Airtight Container;	20 pcs. containers are arranged in a plastic airtight case.
Plastic case dimensions, mm/in	616 x 522 x 182 mm / 24.2 x 20.5 x 7.1 in
Case weight, kg/lbs.	35 kg / 77.1 lbs.
Case volume, m ³	0.0585 m ³

PACKING Version 2	SMK 60CRP
One fuzeed Mortar Bomb with 2 pcs. increment charges is packed in a Plastic Airtight Container;	10 pcs. Containers are arranged in a wooden case.
Plastic case dimensions, mm/in	420 x 400 x 216 mm / 16.5 x 15.7 x 8.5 in
Case weight, kg/lbs.	22 kg / 48.5 lbs.
Case volume, m ³	0.036 m ³