



UNMAS

EVACUATION DISTANCE GUIDE

THREATS

EXPLOSIVE WEIGHT

TNT
EQUIVALENT*

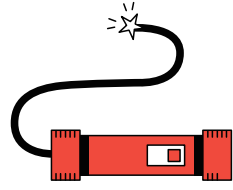
MINIMUM EVACUATION DISTANCE

BEHIND WALL**

RECOMMENDED EVACUATION DISTANCE

IN THE OPEN***

PIPE
BOMB

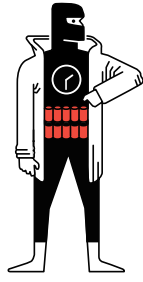


2.3 kg
5 lbs

130 m
427 ft

366 m
1,200 ft

SUICIDE
BOMBER



9 kg
20 lbs

150 m
493 ft

518 m
1,700 ft

BRIEFCASE/
BACKPACK

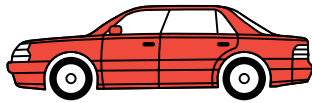


23 kg
50 lbs

185 m
607 ft

564 m
1,850 ft

COMPACT
CAR

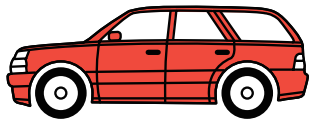


227 kg
500 lbs

270 m
866 ft

580 m
1,900 ft

FULL SIZE
CAR

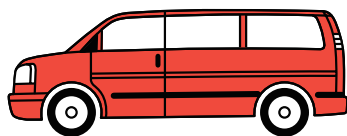


457 kg
1,000 lbs

300 m
985 ft

732 m
2,400 ft

VAN/
SUV

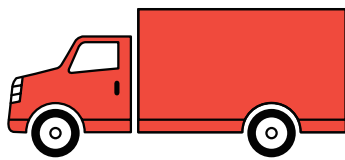


1,814 kg
4,000 lbs

375 m
1,231 ft

1,159 m
3,800 ft

SMALL TRUCK/
MOVING VAN

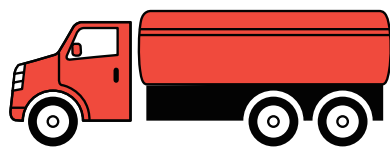


4,536 kg
10,000 lbs

440 m
1,444 ft

1,555 m
5,100 ft

WATER
TANKER

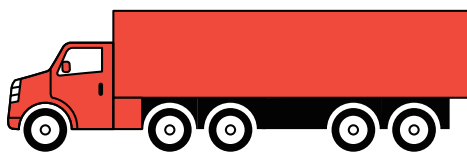


13,608 kg
30,000 lbs

525 m
1,723 ft

2,408 m
7,900 ft

SEMI-
TRAILER



27,216 kg
60,000 lbs

570 m
1,870 ft

2,835 m
9,300 ft

* Estimation of the maximum weight of the explosive material that could reasonably fit in the object.

** This minimum distance is for essential (security) personnel only. It assumes that they are behind a wall (brick, stone, cement) that also provides overhead protection (as blasts and fragmentation go out and up).

*** If there is no hardened structure (brick, stone, cement) this is the recommended distance.



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