

38mm Signal Cartridge, 2-Star Red, Green, White, Yellow



Application

Communications between combat forces and battlefield reconnaissance at night are essential elements in operations. The 38mm Signal Cartridges offer an autarkic means for this purpose and is also used as distress signal (colour red).

Description:

The 38mm Signal Cartridge is generally fired from a 1.5 inch Very pistol and provides short range signalling and illumination both in white and infra-red light. Available for long distance visibility more than 3.2km. (2 miles) during the day, and more than 6.5 km. (4 miles) at night with clear vision.

Operation:

In preparation of firing the 38mm cartridges are loaded into the very pistol and fired vertically for signalling purposes respectively with an angle of > 45 degrees for illumination purposes.

The common instructions of handling a Very pistol are to be strictly followed.

Characteristics:

- Red:** Emergency signal, tangible mark at top of cartridge = Cross +
- Green:** General signal for communication purpose, tangible mark at top of cartridge = Triangle Δ
- White:** General signal for communication purpose, tangible mark at the of cartridge = Dot -
- Yellow:** General signal for communication purpose, tangible mark at the of cartridge = Dot •

Specifications:

Calibre:	38mm (1.5 inch)
Length:	97mm
Weight:	170g
Cartridge case:	Aluminum
Flare Burning Time:	7 ± 1.5 sec.
Altitude (firing angle 90°):	90 ± 25m
NEQ each cartridge:	83.0 g (Red), 99.0 g (Green), 91.0 g (Yellow), 99.0 g (White)
Light intensity peak for colours:	
Red:	> 40,000 cd
Green:	> 30,000 cd
White:	> 70,000 cd
Yellow:	> 100,000 cd

References: N/A

Product Codes: NATO Stock Numbers:

Red:	9180600	N/A
Green:	9180500	N/A
White:	9180700	N/A
Yellow:	9180800	N/A

UN Number: UN 0312

Packing:

5 cartridges in a cardboard box
60 cardboard boxes = 300 cartridges in 1 wooden box

Qty. per box	Hazard Class	NEQ (kg)	GR Wgt (kg) approx.	Vol m ³ approx.
300	1.4 G	12.5 kg (Red) 14.9 kg (Green) 14.9 kg (White) 13.7 kg (Yellow)	30 kg	0.168m ³