

PRODUCT DATA SHEET



5. PYROTECHNICS – SIGNALLING/ILLUMINATION 26.5mm Signal Cartridges

Primetake Part - PT4511
Catalogue No. 05.04.4511
Version 4

Product and Packing Details

WEIGHT	32g approx
DIMENSIONS	68mm x 30mm
NET EXPLOSIVE QUANTITY	22g approx.
SHELF LIFE	5 years under controlled conditions
RANGE	60m to 120m
OUTER PACKAGING	PLYWOOD BOX
DIMS mm	500 x 280 x 320
QTY PER PACK	150
GROSS WEIGHT NOMINAL	9.30kg
MAXIMUM NEQ	2.90kg
PROPER SHIPPING NAME	Cartridges, signal
UN SERIAL NUMBER	0054
HAZARD CLASS	1.3G



Methods of Use

The 26.5mm Signal Cartridge is to be used in the role of medium range signalling and illumination. It is intended to be used for battle field/exercise signalling, ship to ship / ship to shore signalling, LZ/DZ location and general signalling at airports/oil rigs etc. The 26.5mm Signal Cartridge functions consistently and effectively in all expected operational environmental conditions at temperatures ranging from -46°C to +71°C (Military) and -20°C to +50°C (Commercial).

Description

The 26.5mm Signal Cartridge is a fully waterproof unit made up of a lift charge, a solid flare projectile unit encased in an aluminium case and are identified by tactile markings moulded on the colour coordinated closure cap.

Performance/Safety

The coloured signal variants provide pure, high intensity light signatures, visible and identifiable in bright sunlight for approximately 7 seconds. The illuminating cartridge is both brighter and longer in duration with an operating function time typically in excess of 8 seconds, fired vertically the range is between 70 and 120m from the point of fire with full performance reached 15m from the weapon. The cartridges have an ignition percentage of 99% when conditioned at 21 C+-3.

Articles should remain within the original sealed package and be stored within a temperature controlled environment of +5°C to +30°C; relative humidity should not exceed 70%. Storage outside of these conditions will not be warranted and may reduce the shelf life and lead to the articles not functioning as intended.

Candela		Part No.
Red	min 40,000	PT4511A
Green	min 14,000	PT4511B
White	min 20,000	PT4511C
Illuminating	min 80,000	PT4511D

At Primetake we constantly review our products—all specifications are a guide and may vary so please check that the latest specification meets your requirements

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