



PRODUCT DATA SHEET

PT4512D

VERSION 6



OVERVIEW

Pyrotechnics 38mm Signal Cartridges

Code: PT4512D

Weight: 92g approx.

38mm Signal Cartridge Illuminating

Description

The 38mm 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 38mm Signal Cartridge functions consistently and effectively in all expected operational environmental conditions, at the temperature ranges detailed above.

The cartridge is a fully waterproof unit made up of a lift charge, a solid flare projectile unit encased in an aluminium case and is identified by tactile markings moulded on the colour co-ordinated closure cap.

The illuminating cartridge provides a pure, high intensity light signature, visible and identifiable in bright sunlight for approximately 7 seconds.

The cartridge has a ignition percentage of 99% when conditioned at 21°C +/- 3°C.

SPECIFICATION

Net Explosive Content: 35g approx.

Dimensions: 91.5mm x 43mm

Candela: 170,000cd minimum

Range: 60m to 120m (fired vertically)

Operating Temperatures: -46°C to +71°C (Military)

Operating Temperatures: -20°C to +50°C (Commercial)

Light Signature: 7 seconds approximately

TRANSPORT & PACKAGING DETAILS

Packaging: Plywood Box

Dimensions mm: 500 x 280 x 320

Qty per Outer Pack: 150

Gross Weight: 22.00kg

Maximum NEQ: 5.50kg

Proper Shipping Name: Cartridges, signal

UN Serial Number: 0054

Hazard Class: 1.3G

Service Life: 5 years under controlled conditions

Storage requirements: To remain with original sealed packaging, stored between +5°C to +30°C with a relative humidity not exceeding 70%.

Storage outside of these conditions will not be warranted, may reduce the service life and lead to the device not functioning as intended.

Find out more

sales@primetake.com

We are constantly reviewing our products. All specifications are to be used as a guide and may vary so please check that the specification meets your requirements.