



## PRODUCT DATA SHEET

PT4512D

VERSION 5



### OVERVIEW

## Pyrotechnics 38mm Signal Cartridges

Code: PT4512D

Weight: 92g approx.

38mm Signal Cartridge Illuminating

### 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: 8 seconds approximately

### 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 with a function time typically in excess of 8 seconds.

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

### 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

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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.