

# SELF-LUMINOUS SAFETY MARKER **FIREFLY** KIT MARKER

Firefly Kit Markers allow equipment and positions to be covertly marked during low-light and darkness, enabling them to be identified or located at close quarters without resorting to electric or chemical lights. Simple, reliable and effective, operational efficiency and safety are enhanced during darkness.



- Uniquely reliable trivalight® light source
- No batteries, bulbs or switches
- Lightweight, compact and easy to use
- No heat signature
- Nine Colour options for function differentiation
- Continuously illuminated for more than 10 years
- No charging by ambient light
- Screw-clip for fast, secure attachment
- Reliable in all climatic conditions
- Cost-effective ...no spares or maintenance

## Illumination

Kit Markers incorporate a trivalight® Gaseous Tritium Light Source (GTLS) which provides a reliable, safe and self-powered source of continuous light output. No battery or charging by ambient light is required during the lifetime of the product. GTLS comprise a sealed borosilicate glass capsule which contains a tiny amount of gaseous tritium, the power supply for the device. Beta-particle radiation (ie. electrons, released by the gaseous tritium as it decays) is harnessed to energise a phosphor coating on the inside surface of the capsule, causing it to glow. As a sealed source, they are non-emissive and of very low energy levels, so there is no external radiation risk.

Every trivalight® source light is manufactured and tested in accordance with the UK MOD Defence Standard 62/4. GTLS contain no moving parts and, because the unit is continuously energised, an off/on switch is not required. They will remain energised for more than 10 maintenance-free years, even during extended periods of complete darkness. Trivalight® devices can be used in any environmental conditions, even under water, and in temperatures ranging from -40° to 80°C. They are suitable for operation in Zone 0 hazardous areas.

# SP2

Self Powered Safety Products  
comms@sp2.uk.net  
www.fireflymarkers.co.uk

# SELF-LUMINOUS SAFETY MARKER

# ***FIREFLY*** **KIT MARKER**

## Specification

Kit markers are moulded in clear grade V0 polycarbonate, providing a tough protective enclosure and making them highly shock resistant.

Length: 29.5mm Diameter:10.0mm Overall Weight: 5.0g

Wire Screw-Clip Diameter: 35.0mm (Anodised)

Maximum Activity: 3.3 GBq

Initial Output (Green): 250 uL Min



## Part Numbers:

TD-201.....	Green
TD-202.....	UV-Blue
TD-203.....	Yellow
TD-204.....	White
TD-205.....	Red
TD-206.....	Orange
TD-207.....	Ice Blue
TD-208.....	Purple
TD-209.....	Pink

## Kit Marker Applications

- Equipment & stores location / identification
- Bivvy & trench location / identification
- Personnel marking during night operations
- Marking of obstacles and hazards
- Aiming point and bearing marker

## Colour & Packaging Options

Firefly Kit Markers are available in nine colours; green, blue, yellow, white, red, blue, orange, ice-blue, purple and pink. Each unit is supplied packaged in a eurohook blister pack. Product packaging includes a dedicated barcode for each colour option.



## Colour & Packaging Options

Firefly Kit Markers are designed with simplicity and versatility in mind. As compact, lightweight and straightforward as possible, they will simply do the job and give years of safe, dependable, practical service.

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