

# SPARC-1 Mini Flare

SPARCS-FLARES™ - SPECTRAL IR DECOYS



## Advanced spectral flares against IR heat-seeking missiles

SPARCS-FLARES advanced spectral flares protect aircraft against the most advanced air-to-air and surface-to-air heat-seeking missiles in the modern battlefield. The flares are used on a wide range of fixed-wing aircraft and helicopters.

SPARC-1 is a unique, small-size flare designed to provide protection and enhanced survivability for low signature aircraft with a limited payload, such as light helicopters and UAS, against advanced threats. Featuring excellent high energetic properties, the flare effectively defeats both advanced and earlier generation threats.

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# SPARC-1 Mini Flare

## SPARCS-FLARES™ - SPECTRAL IR DECOYS

### Combat-proven protection against new-generation threats

SPARCS-FLARES spectral IR decoys have a combat-proven record against the threat of advanced infrared heat-seeking missiles with dual-band target discrimination. The flares are in operational use worldwide, including the Israeli Air Force.

Reliable and effective, SPARC-1 is fully compatible in fit to all Western dispensing systems, such as ALE 40/47 and WIZARDS, after installing the corresponding dispenser.

### Advanced decoy capabilities

SPARCS-FLARES™ feature low luminance and smoke results and are virtually invisible to the naked eye. The high-performance advanced spectral IR decoys offer a “one-flare solution” effective against all new and earlier generation threats, providing exclusive operational benefits.



### Key Features

- Case dimensions: 1x1x2.2 in (25x25x55 mm)
- Weight: 0.1lb (46gr)
- Pellet: Spectral decoy composition
- Ejection squib: PL3651
- Dispenser: AN/ALE-40/47, M-130, Wizards, etc.
- Shelf life: 5 years
- Service life: 1 year

### Platforms

- Light helicopters
- UAS

### Key Benefits

- Reliable and effective
- Significant weight reduction
- Minimal rise time
- Minimal color rise time
- High color ratio
- Obscureness (dark flare)
  - Low luminance (night)
  - Low smoke results (day)

### Packaging

<b>Classification</b>	Flares, aerial
<b>Hazard class</b>	1.3G
<b>Un CODE</b>	0093
<b>Quantity</b>	360 units per plywood box
<b>Container dimensions</b>	17.8x14.5x11 in (452x370x280 mm)
<b>Estimated gross weight</b>	55lb (25kg)



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