

SPARC-2 Dual Flare

SPARCS-FLARES™ - SPECTRAL IR DECOYS



Advanced spectral flares against IR heat-seeking missiles

SPARCS-FLARES™ 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 aircraft and helicopters.

SPARC-2 is a unique flare with two half-size pellets designed to enhance aircraft protection by loading double the number of flares in every dispenser. Featuring excellent high energetic properties, the flare effectively defeats both advanced and earlier generation threats.

Elbit Systems™

Land

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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 (IAF).

Reliable and effective, SPARC-2 is fully compatible in fit to all Western dispensing systems such as ALE 40/47, WIZARDS and others. The flare has a double shot squib operated by two voltages.

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.

Platforms

- Fighter jets
- Mid-size helicopters
- UAVs

Key Features

- Case dimensions (for two half-size flares): 1x1x8 in (25x25x206 mm)
- Weight: 0.4lb (180gr)
- Pellet: Spectral decoy composition
- Ejection squib: C48IC
- Dispenser: AN/ALE-40/47, Wizards, etc.
- Shelf life: 5 years
- Service life: 1 year

Key Benefits

- Enhanced protection (double the number of flares in every dispenser)
- Reliable and effective
- Minimal rise time
- Minimal color rise time
- High color ratio
- Obscureness (dark flare)
 - Low luminance (night)
 - Low smoke results (day)

Packaging

Classification	Flares, aerial
Hazard class	1.3G
Un CODE	0093
Quantity	120 units per plywood box
Container dimensions	17.8x14.5x11 in (452x370x280 mm)
Estimated gross weight	62lb (28kg)



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