

# SPARC3 / XM216

## 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.

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

SPARC-3 / XM216 spectral IR decoys have a combat-proven record against the threat of advanced infrared heat-seeking missiles with dual-band target discrimination.

Reliable and effective, SPARCS-FLARES™ are fully compatible in fit to all Western dispensing systems such as ALE 40/47 and WIZARDS and can be ejected from fighter jets, transport aircraft, helicopters and UAS. The SPARC-3 / XM216 spectral IR decoys are in operational use worldwide, including the Israeli Air Force (IAF).

**Elbit Systems™**

Land

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## SPARCS-FLARES™ - SPECTRAL IR DECOYS

### 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 new and earlier generation threats, providing exclusive operational benefits.

#### Key Features

- Case dimensions: 1x1x8 in (25x25x206 mm)
- Weight: 0.4lb (180gr)
- Pellet: Spectral decoy composition
- Ejection squib: PL3651 / CCU-145
- Dispenser: AN/ALE-40/47, Wizards, M-130, etc.
- Shelf life: 5 years
- Service life: 1 year

#### Platforms

- Fighter jets
- Helicopters
- Transport aircraft
- UAS

#### Packaging

<b>Classification</b>	Flares, aerial
<b>Hazard class</b>	1.3G
<b>Un CODE</b>	0093
<b>Quantity</b>	120 units per plywood box
<b>Container dimensions</b>	17.8x14.5x10.6 in (452x370x280 mm)
<b>Estimated gross weight</b>	62lb (28kg)

#### Key Benefits

- Reliable and effective
- Minimal rise time
- Minimal color rise time
- High color ratio
- Improved trajectory (XM216E5)
- Obscureness (dark flare)
  - Low luminance (night)
  - Low smoke results (day)



Photo: Yissachar Ruas



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