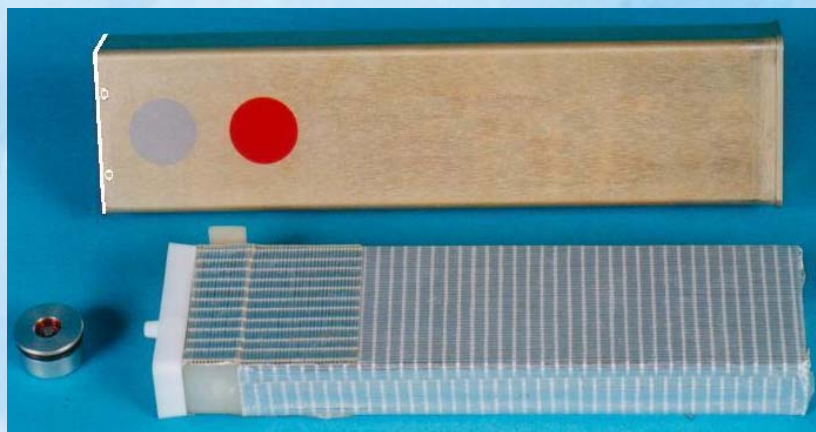


Flare DSTL 49

Flare Countermeasure



An Advanced Decoy Flare for transport aircraft

This 2x1" Flare is used in aircraft countermeasures systems to combat advanced heat-seeking missiles employing spectral discrimination techniques. The impulse cartridge is fitted during manufacture of the flare and provides the means of ejecting the payload. The flare can be housed in a multiple shot magazine as fitted to countermeasures dispensing sets AN/ALE 40, 45 and 47 series, M130/M147, MBDA, Alkan, Terma, MES, Rokar, SAAB Avitronics and Vinten systems for example. The flare offers improved performance, reliability, and safety by means of a safe sequencer to ensure the flare remains safe until pyrotechnically ejected from its outer case.

The DSTL 49 flare is a direct fit & form alternative to all other 2x1" flares and is suited to transport aircraft. As well as offering protection against advanced threats, it provides improved performance, reliability and safety by means of the Sequenced initiation device.

Chemring countermeasures



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Flare DSTL 49

Leading Particulars

Designation:	Flare, Countermeasure DSTL 49
NATO Stock Number:	1370-99-562-6478
Internal Code:	58565 – fitted with PW21 Mk.2 Impulse Cartridge

Physical Characteristics

Weight:	340g
Ejected Weight:	260g
Length:	206mm
Cross Section:	51.82mm x 24.64mm
Operating Temperature:	-46 °C to +76 °C
Exposure Temperature:	-65 °C to +85 °C
Net Explosive Content:	220g
Shelf Life:	3 years

Performance Characteristics

Ejection Velocity:	25 to 40 m/sec
IR Output:	Restricted
Rise Time:	Restricted
Typical Burn Time:	Restricted
Reaction Force:	4.0kN max
Pulse Duration:	10 ms max

Packing Details

Quantity:	60
Hazard Class:	1.3G
UN Number:	0093
Shipping Dimensions:	403 x 343 x 275mm
Estimated Gross Weight:	28kg
Estimated Net Weight:	23kg
Proper Shipping Name:	Flares, Aerial



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