



PROVEN SOFTKILL

SONNE 218 MOD1

AIRCRAFT INFRARED FLARE COUNTERMEASURE

Sonne 218 Mod1 is based on the inventory US flare MJU-7A/B infrared (IR) flare countermeasure which is in service on a variety of aircraft as a primary defence against incoming missiles. Sonne in addition comes with the REACH compatible impulse cartridge DM1578 A1 (type 3670).

Sonne 218 Mod1 is a magnesium-teflon-based pyrotechnic flare that creates an infrared signature, acting as a decoy against heat seeking missiles. The flare grain is ignited and ejected from the dispenser by an electronic impulse cartridge or squib, which is inserted into the flare case. Internally, the flare consists of a flare grain, piston, and a spacer. These components are contained by a metal flare case and plastic end cap.

Sonne 218 Mod1 can be dispensed from ALE-47 or any other equivalent NATO dispenser systems.

TECHNICAL DATA

Impulse cartridge	DM1578 A1 (type 3670)
Dimension	25 x 52 x 205 mm
Weight	approx. 394 g
Net explosive content	268 g
Shelf life	9 years
Service life	1 year
Hazard classification	1.3G
UN Number	0093
REACH compatible	Yes
NATO Stock Number (NSN)	1370-01-296-8395