



PROVEN SOFTKILL

SONNE 118 MOD1

AIRCRAFT INFRARED FLARE COUNTERMEASURE

Sonne 118 Mod1 is based on the inventory US flare M206 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 DM1576 A1 (type 3651).

Sonne 118 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 118 Mod1 can be dispensed from ALE-40, ALE-47, M-130 or any other equivalent NATO dispenser systems.

TECHNICAL DATA

| | |
|-------------------------|-----------------------|
| Impulse cartridge | DM1576 A1 (type 3651) |
| Dimension | 25 x 25 x 205 mm |
| Weight | 187 g |
| Net explosive content | 121 g |
| Shelf life | 9 years |
| Service life | 1 year |
| Hazard classification | 1.3G |
| UN Number | 0093 |
| REACH compatible | Yes |
| NATO Stock Number (NSN) | 1370-01-048-2138 |