

## Product data sheet

ALUMINIUM COATED GLASS FIBRE CHAFF CARTRIDGES FC-RR-50  
 FIBRECOAT Product code: 5B100012

Chaff countermeasure is an effective decoy, which protects aircraft against radar-guided missiles. The chaff, consist of small and light fibers cut into dipoles of varying lengths that reflect radar signals in various bands. The cartridges are ejected from aircraft and disperse in the air to act as a decoy, to obscure the aircraft and avoid radar detection, increasing the aircraft protection and survivability. The FIBRECOAT FC-RR-50 cartridge is fit in form and function to PPR-50.

### KEY FEATURES

- Case dimensions: 202x50.2mm
- Weight: 440gr
- Useful frequency range: 2-40 GHz , according to customer needs
- Ejection squib: Impulse Cartridge DM1576A1
- Shelf life: 10 years (20 years w/o squib)
- Service life: 1 year

### PLATFORMS

- Fighter jets
- Helicopters
- Transport aircrafts

### KEY BENEFITS

- Reliable and effective
- Combat-proven record
- Respond to variety radar wavelengths
- Tailor-made solution



FIBRECOAT chaff countermeasures offer reliable and effective solutions to protect a wide range of aircraft from radar-guided missiles. The chaff payload is manufactured by a fully automatic and accurate cutting and packing machine that can produce various fibre diameters, quantity and lengths. The chaff fibres are cut to defined lengths that respond to different radar wavelengths according to the customers' requirements.

This information and our technical application advice - whether verbal, written or by way of trials - are given to the best of our knowledge, but are deemed to be non-binding advice only, also with regards to any third-party property rights. Our advice does not exempt you from verifying the information provided - especially in our safety data sheets and technical information - and to test our products as to their suitability for the intended processes and purposes. The application, use and processing of our products and the products manufactured by you on the basis of our application advice are beyond our control and are, therefore, exclusively your own responsibility. The sale of our products and our advice are subject to our General Terms and Conditions of Sale and Delivery as amended from time to time.

