



SAAB



BARRACUDA ULCAS

We've got you covered

Unrivalled signature protection for vehicles and static objects

Military operations often require flexible camouflage solutions that can be used for a variety of operational purposes while delivering reliable protection against even the most advanced sensors.

Saab Barracuda's Ultra-Lightweight Camouflage Screen (ULCAS) is an advanced multispectral camouflage net that provides unrivalled sensor protection for vehicles and other assets in static positions. Lightweight and easy to use, ULCAS can be deployed in moments to provide fast cover, whilst simultaneously offering enhanced shade and sun protection. These nets are fully customisable for any environment, and can be linked to other nets to cover larger areas if necessary, providing truly flexible protection.

- Easy to install and quick to deploy
- 'Non-snagging' construction to minimise handling time
- Ultra-lightweight > 250 g/m² design
- Joining system for linking together individual nets
- Can imitate the colour scheme of each intended environment



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HOLD YOUR GROUND

ULCAS benefits from outstanding multispectral properties that protect against discovery across all relevant parts of the electromagnetic spectrum. The colour-adaptable camouflage screen is a single unit intelligently designed to accommodate dual layers for maximum stealth. A garnish layer is incised in a three-dimensional structure that's permanently attached to a flat, 'non-snagging', backing scrim.

HEAT MANAGEMENT

High temperatures can be a challenging enemy in the field. Saab Barracuda's ULCAS can reduce up to 80 percent of solar loading on vehicles, shelters, tents and containers, and achieve operational temperatures in the range of -21°C to $+80^{\circ}\text{C}$ for both storage and use. Efficient heat management also saves fuel in the field, for example by reducing the energy needed to cool vehicles and engines.



MULTISPECTRAL CAMOUFLAGE



In changeable terrains, camouflage that offers protection at multiple wavelengths is essential to protecting your position. ULCAS can beat even the most advanced sensors, keeping you safely undercover anywhere. This multispectral product provides outstanding protection in multiple wavelength areas, including visual (VIS), near infrared (NIR), shortwave infrared (SWIR), thermal infrared (TIR) and radar (RR).

Operational advantages

- Multispectral protection
- Customisable to suit multiple environments
- Telescopic support poles*
- Reduces solar loading by 80%
- Fast deployment
- Aluminium or steel ground stakes*

*Options

Specifications

ULCAS offers protection in the following (wavelength) areas:

Ultraviolet (UV)

Shortwave infrared (SWIR)

Visual (VIS)

Thermal infrared (TIR)

Near infrared (NIR)

Radar



Thermal image 8-12 μm , without camouflage



Thermal image 8-12 μm , with ULCAS