

ULCAT: ULTRA LIGHTWEIGHT CAMO TUNNEL

Provides: VIS-SWIR-MWIR-LWIR Protection

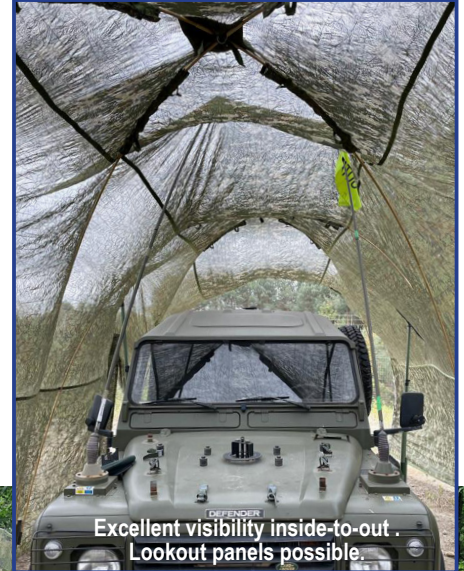
For rapid vehicle concealment and deployment

The vehicle tunnel is made from specialised 3D material which is lightweight and snag free. It conceals in the Visual, Infrared and Thermal spectrums.

The standard tunnel length, when closed is 13.5 metres. Allows rapid vehicle concealment and exit, with great visibility from inside-to-out.

Fitted with opening ends which tie back for easy entry and exit.

The ULCAT can easily accommodate an armoured vehicle with space for a field office/command centre.

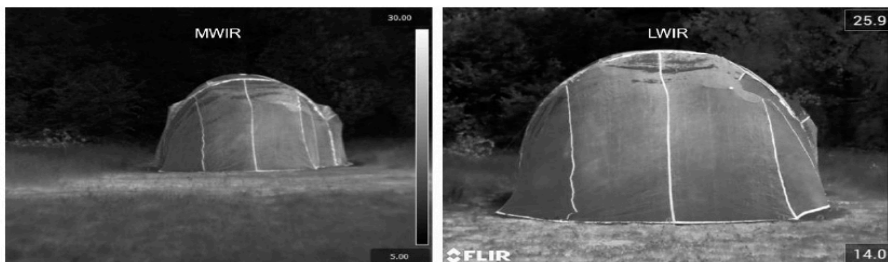


- Natural 3D pattern blends with nature
- Protects in the visual, thermal and infrared spectra
- Non-snag and breathable material
- Quiet, Lightweight and Fire Resistant
- Non-absorbent
- Excellent visibility from inside-to-out
- Material Operational Temperature range -45°C to +70°C
- Fast-opening front/back doors for rapid vehicle insertion/evacuation
- Two quick opening lateral doors for personnel entry.
- UK MoD issue fibreglass tent poles & ground spikes
- Can also be used as a camouflage screen without poles, spreaders etc.



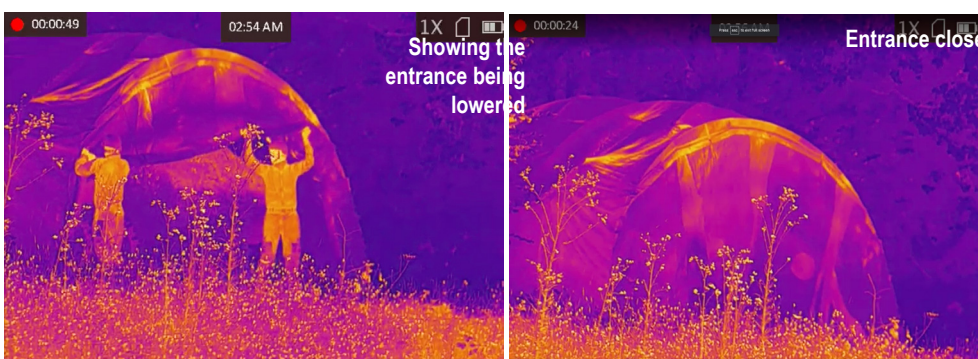
THERMAL TESTING RESULTS

- with vehicle and personnel inside



Reflectance
Spectrophotometer
800-1200nm

- Light Green: 13%- 16%
- Dark Green: 11% -14%
- Brown: 8%- 11%
- Black: 5%- 8%

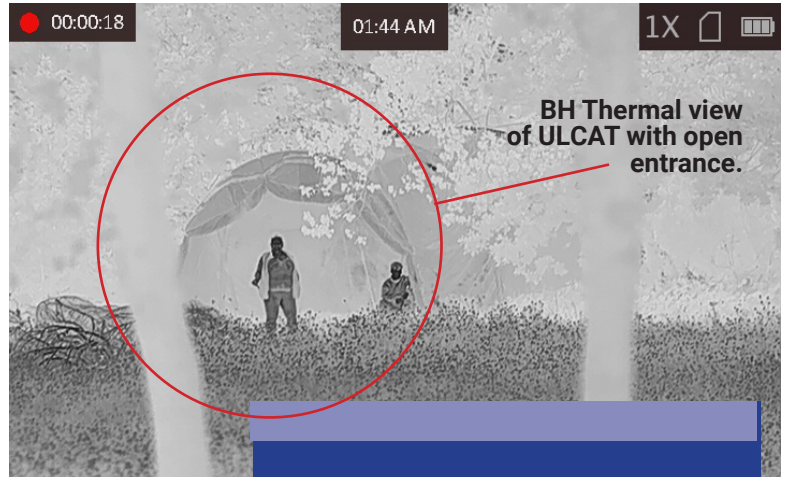


FUSION IR

ULCAT concealing
Vehicle and personnel
when viewed through
Fusion IR scope.

ULCAT

TIME / PERSONNEL TO ERECT TUNNEL?



ULCAT System pack contents:

	1 x	Crinkle netting
	46 x	1.2m Poles
	12 x	Ground Stakes
	8 x	4.5m Telescopic Spreaders
	25 x	Ground Spikes
	1 x	Repair Kit

Specifications:	
Set up time :	Approx 20-30 minutes (crew of 2-4 people)
Dimensions of ULCAT (deployed)	13.4metres (Length) inc. door canopies x 4metres (Width) x 3.5metres (Height)
Weight of camouflage Net:	Approx. 32 kilos
Complete system weight (inc. spreader poles, pegs, stakes etc):	Approx. 140kg

- Operational temperature: Range - 45°C to +70°C.
- (EN 60068-2-2 / EN 60068-2-1)
- Fire resistance (ISO 6941)
- Wash Fastness: ≤ 4/5 ISO 105 C01
- Water Fastness: ≤ 4/5 ISO 105 E01
- Rubbing Fastness: ≤ 3 ISO 105-X 12
- Air Permeability (EN ISO 9237)

Resistance to:

- Oil
- Tearing (DIN EN ISO 13937-2)
- Breaking (DIN EN ISO 13934-1)

Erecting the ULCAT- basic stages



The BCB ULCAT System can be ordered in S/M/L to suit your vehicle.