



DEXXDEF[®]
DEFENSE SYSTEMS

**MILITARY MULTI SPECTRAL
CAMOUFLAGE NET**



Experiences

Spectra Trade Corp. has a solid background on nano technology materials such as multi spectral camouflage web for military applications. Our experience relays on more than 20 years R&D activities in material science and electronics.





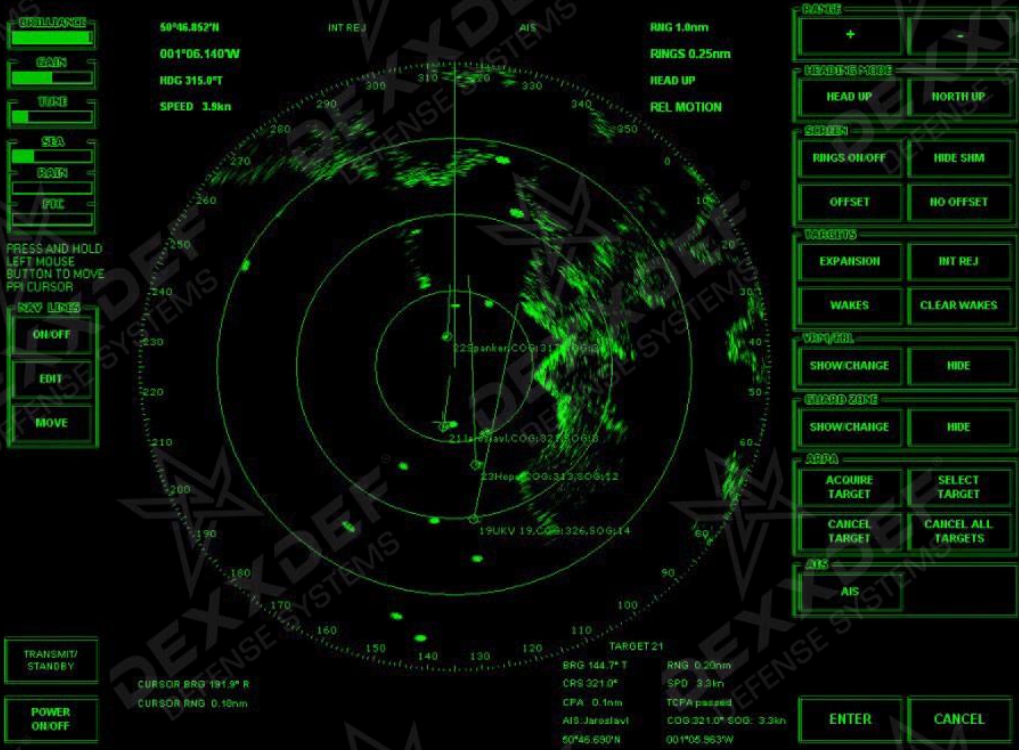
MILITARY MULTI SPECTRAL CAMOUFLAGE NET

- Military multispectral camouflage net
- Suitable for camouflaging any military targets

Technical and Applications:

- This net is suitable for camouflaging any military targets,
 - It can be processed to be forest, snowfield and desert style in order to meet any circumstances and background requirements.
- Anti-visible and near infrared: 0.38 – 1.1 μm
 - Anti-thermal infrared: 3-5 μm , --14 μm thermal attenuation
 - Anti-radar : 2cm, 3cm and 8mm. 35 GHz-94 GHz 8dB lower
 - Radar absorbing : Garnish vertical reflectivity $<_{10}\text{dB}$ (2-18 GHz)
 - Breaking Strength : Control rope $>1200\text{N}$, Garnish: warp $> 650\text{N}$, weft $> 150\text{N}$
 - Tear Strength : Backing $>300\text{N}$
 - Weight : $< 280 \text{ g/m}^2$
 - Bursting strength : Backing $> 300\text{N}$
 - Storage life : 10 Years
 - Inflammability : It does not contain Halogens.

MILITARY MULTI SPECTRAL CAMOUFLAGE NET



RADAR Frequency bants:

8-10 GHz, 26-40 GHz, 92-96 GHz

Transmision > 4dB
 Reflektans - 8 dB m²
 Extinction > 8dB

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STATIC CAMOUFLAGE SYSTEMS

Depending the territory, different patterns are available for winter, desert, forestry e.t.c. with double face printing advantages.

GENERATION NATO STOK NUMBERS

FIR:

1080-12-336-9104 (3 x 4.5m)

1080-12-336-7735 (6 x 9 m)

FIR/Radar:

1080-12-336-7628 (3 x 4.5 m)

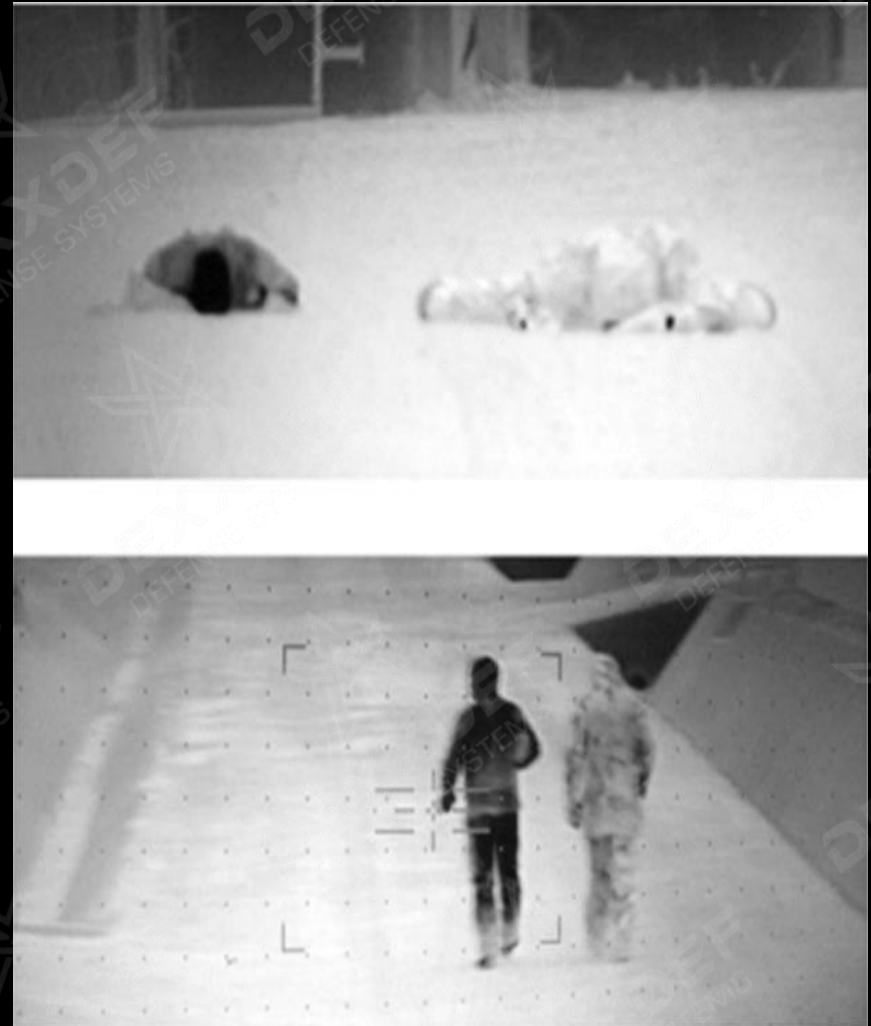
1080-12-336-7736 (6 x 9 m)



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MILITARY MULTI SPECTRAL CAMOUFLAGE NET

Our products give essential screening for personal and equipments in UV, visual, near IR, thermal, radar bands between 350 nm, 12000 nm wave lengths and 1 GHz to 100 GHz (MMW) regions.



MILITARY MULTI SPECTRAL CAMOUFLAGE NET

PERSONAL CAMOUFLAGE

- Thermal Infrared (TIR) protection
- Absorbs % 95 of human body IE emission
- Minimum solar wave lengths absorption.
- Balanced with environments temperature (0,2°C)
- Nonfading and long lasting fabric.
- Low water absorbance (< % 25)
- Perfect screening in UV, NIR ve TIR (3-5 μm / 8-12 μm) regions

