

**4M**  
**TACTICAL**  
member of  
COLT CZ GROUP

**INFRAHEX**™

*HIDE YOUR TROOPS  
FROM THERMOVISION*



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**InfraHex technology** is the latest alternative to current solutions, designed to restrict the user as little as possible while providing maximum comfort and the highest level of protection (wavelength range: 0.5–20 µm). Reflectivity exceeds 75 %, and the fabric provides shielding up to 70 dB (ASTM 4935) in the frequency range of 0.3 to 20 GHz.

**SPECS:**

- 99% Thermal Signature Reduction – NIR absorption
- Breathable – RET 6,8
- Wind resistant
- Water resistant – water column >16 m
- Adjustable electromagnetic spectrum blocking (NIR proof)
- Low voltage heatable (electro heating)
- Anti-bacterial
- Exceptionally thin and lightweight structure
- Mechanical resistance

InfraHex was specifically designed for night operations in open terrain, it performs best at ambient temperatures ranging from 9 °C to 30 °C.

Made in Czech Republic

BREATHABLE

WATER REPELLENT

WIND REPELLENT

CAMOUFLAGE

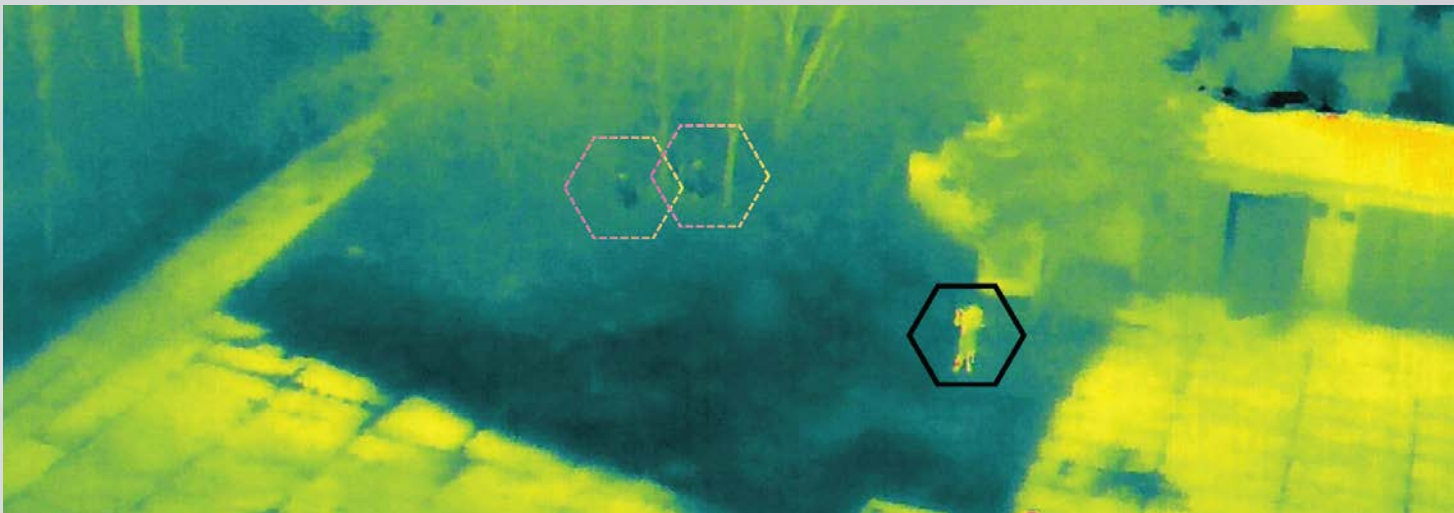
**PARAMETRES:**

PHYSICAL PROPERTY	VALUE	TEST METHOD
Basis Weight	120±5 g/m²	ASTM D 3776
Width (available)	≥ 1100 mm	-
Thickness	0.185 mm	ISO 9073-2
Mechanical Strength	MD: 42.4 kgf CD: 55.4 kgf	ISO 13934-1
Tear Strength	1.85 kgf	EN ISO 13937-2
Air Permeability	0.135 cfm	ASTM D 737
Hydrostatic (Water column)	16.85 mm H <sub>2</sub> O	AATCC 127
Water column after 5 washing cycles on 40 °C	11.34 mm H <sub>2</sub> O	AATCC 127
Moisture Vapor Resistance	6.82 RET (m².Pa/W)	ISO 11092

**APPLICATIONS:**

**InfraHex** is unique technology ideal for military and special operations, where reduced detectability and enhanced protection in demanding conditions are crucial.

InfraHex reduces the user's heat signature to a neutral level, adapting to the surrounding environment. Engineered to counter thermal imaging technologies, InfraHex offers unmatched lightweight, weather-resistant, and comfortable performance. It ensures superior concealment and enhanced readiness, keeping special forces hidden and mission-ready.





INFRAHEX PONCHO

Universal poncho/cloak with ability to reduce NIR and thermo signatures of user to neutral level according to environment.

- 96 % thermal signature reduction
- waterproof and wind proof
- noiseless
- the user stays cool as excess heat is effectively dissipated outward
- designed to maintain the ability to manage magazines and guns while worn
- storage in a fast-opening MOLLE pouch



SIZES		DELIVERY	
<b>XL</b> < 180 cm	<b>XXL</b> > 180 cm	<b>&lt; 1.000</b> pcs	<b>&lt; 20.000</b> pcs
weight 800 g	weight 855 g	8 weeks	20 weeks

COLORS			
Digital camo green	Digital camo sand	Digital camo winter	Khaki

INFRAHEX TARPS

Universal tarp with ability to reduce NIR and thermo signatures of hidden persons and heated equipment to neutral level according to environment.

- 96 % thermal signature reduction
- waterproof and wind proof
- can be used as a tent or covering tarp
- Loops to attach natural vegetation or adaptive camouflage materials
- A** sizes comes with 20 m and **B** sizes with 50 m tent cord



SIZES		DELIVERY	
<b>A</b> 3 x 3 m	<b>B</b> 5 x 7 m	<b>&lt; 1.000</b> pcs	<b>&lt; 5.000</b> pcs
weight 1.400 g	weight 5.500 g	7 weeks	20 weeks

COLORS			
Digital camo green	Digital camo sand	Digital camo winter	Khaki

INFRAHEX BIVY BAG

Universal Bivy Bag to reduce NIR and thermo signatures of user to neutral level according to environment.

- 96 % thermal signature reduction
- waterproof and wind proof
- extremally permeable to internal moisture condensation
- designed as one size fits all
- loops to attach natural vegetation or adaptive camouflage materials
- can be used as a transport rescue sheet
- integrated mosquito net



SIZE	DELIVERY	
<b>UNI SIZE</b> 0.9 x 2.3 m	<b>&lt; 1.000</b> pcs	<b>&lt; 5.000</b> pcs
weight 950 g	9 weeks	20 weeks

COLORS			
Digital camo green	Digital camo sand	Digital camo winter	Khaki