



Contact

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Inflatable military decoys

Weapon defense and protection

Tanks/Fighters/Launchers



A series of horizontal dotted lines for writing, consisting of 20 lines.

Weight: 95 kilograms

Radars/Camouflage





Our solution

- Infatable military decoys provide weapon defense and protection. Intended to mimic highly sophisticated military weapons and equipment, infatable decoys are fielded to deceive, distract, conceal and protect.



Technique

- Shell from waterproof fabric.
- Blower provides permanent air pressure.
- Defects do not affect shape and functionality.

Decoy characteristics

- Optical wavelengths from 0.4 to 0.8 microns, with the resolution of at least 0.2 m.
- Infrared waves from 3 to 5 microns and 8-14 microns with the resolution of at least 2 m.
- Radio waves from 0.8 to 30 cm with the resolution of at least 10 m.
- Number of cycles „deployment / fold“ at least 50.
- Wind speed of 15 m/s does not affect the qualities of imitation in transport position.
- Wind speed of 8 m/s does not affect the qualities of imitation in combat position.
- Maximum wind speed of 18 m/s in transport position.
- Maximum wind speed of 12 m/s in combat position.
- Temperatures from -20 to + 50°C.

INFLATECH expertise

- Experience in decoy design.
- Experience in decoy production.
- Understanding military needs.



Javelin
85.000 \$

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real
6.000.000 \$

decoy
40.000 \$

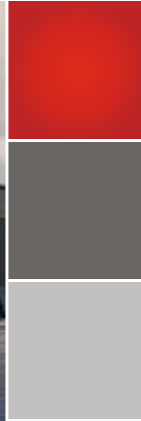
Weapon protection

- Hiding big objects such as rocket launcher, radars, aircraft is costly and difficult.
- Modern intelligence tools can quickly find the target.
- INFLATECH solution provides false targets to deceive the enemy.



Decoy features and capabilities

- Lightweight. Easy to transport, deploy, pack and store.
- Standout thermal signatures simulate engines and hot surfaces.
- Radar reflective components of our military inflatable decoys can deceive advanced surveillance systems.
- Mobility options. Fully-concealed transportable platforms allow rapid (3-30 min) deployment in any environmental condition.
- Cost effective.

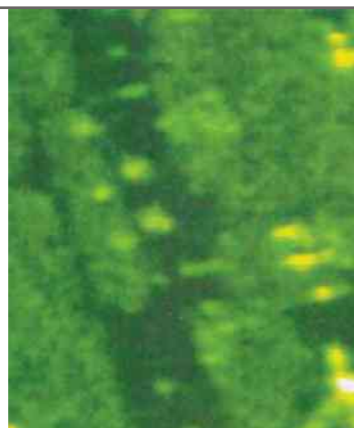


Easy to inflate, pack and transfer





Intelligent radar reflectors
and IR signatures



Radar signature

Granularity - level of detail

	Wavelength range	Resolution
Optical	0,4 -1,1 mkm	less than 0,20 m
Thermal	3 -5 mkm, 8 -14 mkm	less than 0,60 m
Radars	0,8 -30 cm	less than 6 m

Thermal signature

