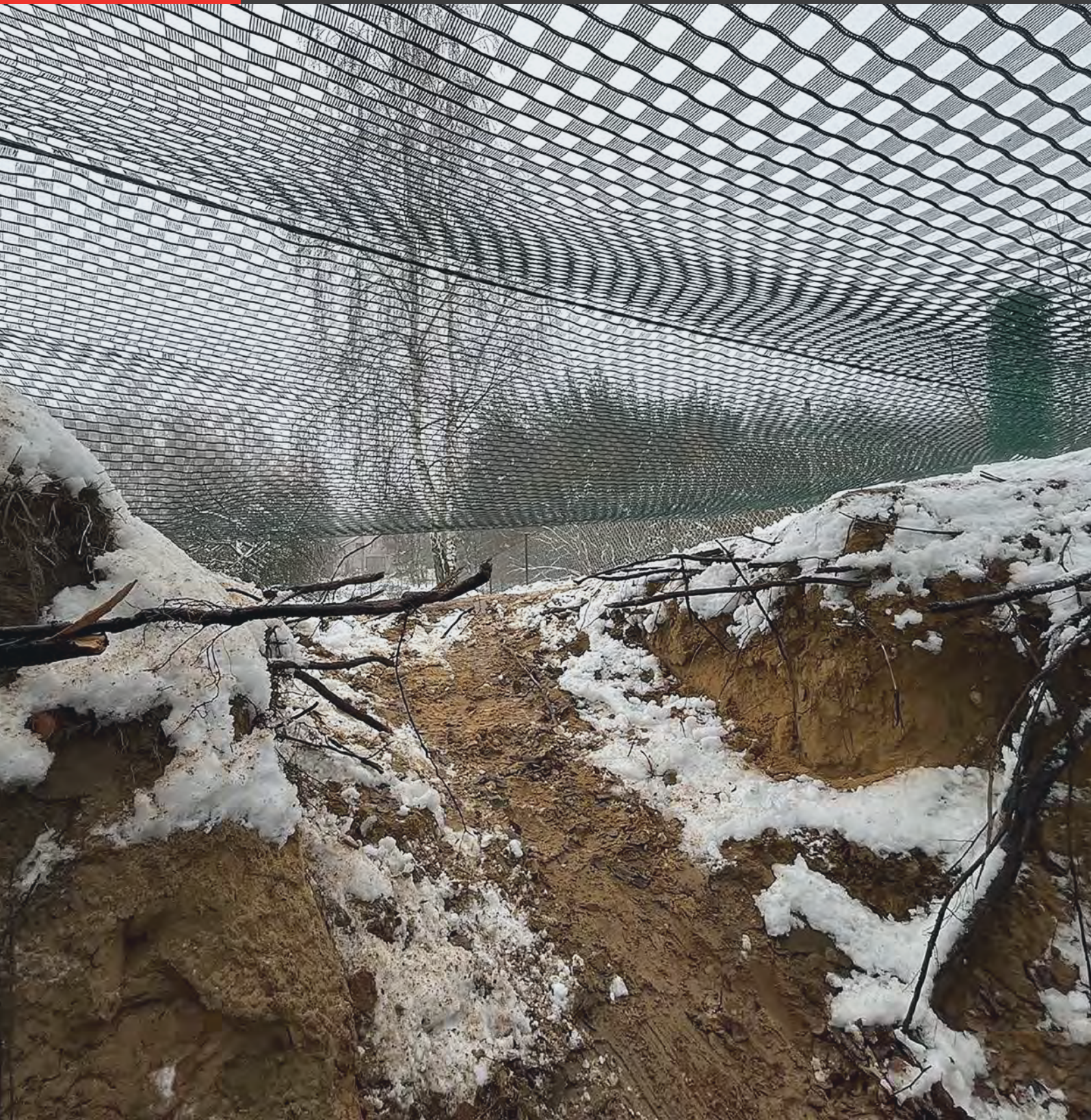




Pro Net aramid-reinforced protection

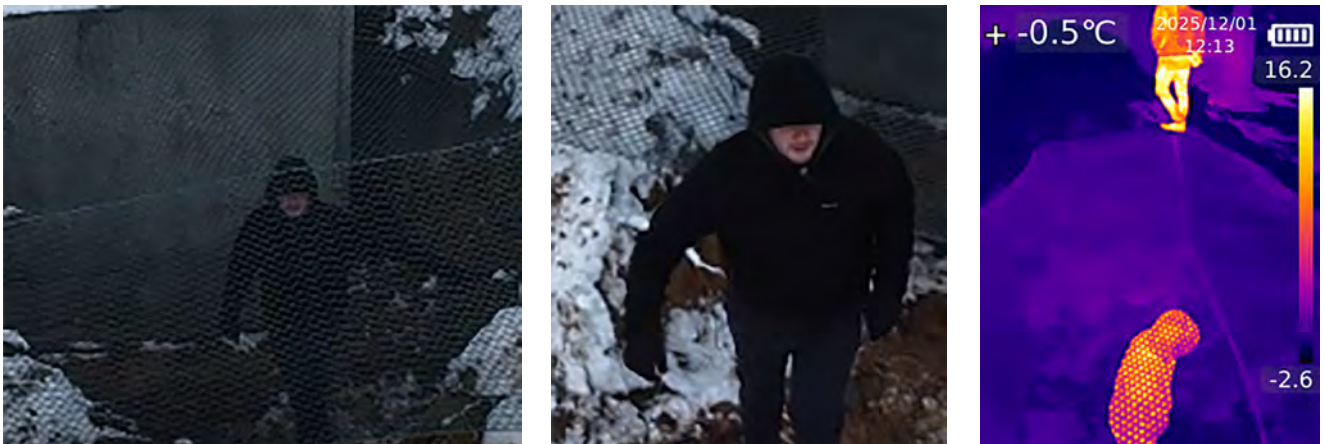
Pro Net – aramid-reinforced protection

Pro Net – aramid-reinforced netting has been designed to provide the highest level of protection. The netting acts as a physical barrier: it stops hostile objects (e.g. drones), provides basic visual camouflage, reduces thermal signature and, above all, protects against the effects of explosions. In the event of contact with a drone carrying a payload, the Pro net acts as a solid barrier and prevents detonation within the protected area. The explosion occurs on the net itself – at a safe distance from the target.

The product's functionality is based on a combination of aramid (such as Kevlar) and polyester. The aramid core ensures maximum strength, whilst the polyester coating protects against UV rays and further reinforces the net.



Camouflage properties: The visibility of the object covered by the net is severely restricted, and the net itself, thanks to its structure, provides basic camouflage by reducing the thermal signature.



Features:

- Portability. The product's light weight makes it easy to transport and handle.
- Easy installation (using anchors, tension cables or an aluminium frame for larger structures). No heavy machinery is required for installation.
- Recommended modularity of the netting – panels 1.5 m wide and of any length.
- Easy replacement in the event of damage caused by an explosion.
- Adjustable mesh size (currently 2.5 cm x 2.5 cm).
- Any colour to match the landscape.

Specifications:

	Material Polyester, Aramid	Number of reinforcing aramid cords can be modified
	Net width 150 cm	Available modules: 50–150 cm or multiples thereof (modules sewn together)
	Net length 50 m	Roll's length can be adjusted, 50 m ~ 20 kg
	Mesh size 2.5 x 2.5 cm	Mesh size can be adjusted
	Colour Green	Other colours available
	Tensile strength 1000 N*	* data for a similar mesh based on a single 2.5 cm wide mesh
	Thermal stability Yes	Elongation / Shrinkage $\pm 2\%$
	Weather resistance Yes	Resistant to temperature fluctuations, core protected against UV radiation



Applications:

- Strongpoints
- Command posts
- Critical infrastructure
- Firing positions
- Fuel storage tanks
- Field command centres
- Military equipment
- Roads (tunnel construction)
- Remote drone countermeasure systems - (C-UAS - fibre-optic drone protection)
- Warehouses
- Borders



Long-standing expertise in producing and developing **premium-quality industrial textiles.**

Julius Koch Group has more than 130 years of expertise in the international market for premium-quality and durable industrial textiles and has been awarded the prestigious TOP 100 Innovation Award for the second consecutive year, confirming our position as one of Germany's most innovative medium-sized companies. The repeated recognition highlights our long-term innovation strategy and the successful establishment of a structured, innovation-driven organization.

As a global market leader in technical textiles, we are transforming from a traditional textile manufacturer into a global solution provider for highly functional technical applications across multiple industries, including sun protection, agriculture, and industrial markets.

Innovation is part of our DNA. Together we can develop individual solutions that elevate your business and set you apart in a competitive landscape. Contact us to explore how we can support your next project.



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Your advantages of working with Julius Koch:

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WHAT'S
YOUR
PROJECT?

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