WHAT'S NEW

EcoCortec and Orqa partner to shield global drone shipments from corrosion and ESD with sustainable packaging

EcoCortec®, a premier European manufacturer of environmentally friendly packaging specializing in Vapour phase Corrosion Inhibitor (VpCI®) technology, has developed a custom-specification, grey version of its recyclable EcoSonic® VpCI®-125 ESD packaging specifically for Orqa.

In a major development for the Croatian technology sector, two of the nation's leading exporters, EcoCortec® and Orqa, have announced a strategic partnership to secure high-end electronics for global defence and industrial markets.

Based in Osijek, Orqa is Europe's leading drone technology company, specialising in First Person View (FPV) and Remote Reality (RR) technology. The company designs and manufactures advanced unmanned aerial systems. Its fully vertically integrated operations ensure complete supply chain independence and unmatched performance optimisation. The company's exceptional trajectory was highlighted in 2026 when it ranked #135 overall and #2 in Aerospace & Defence on The Financial Times' FT1000 list of Europe's fastest-growing companies. Orqa now produces components and integrated systems for clients across more than 50 markets worldwide, including 24 NATO member states.

A defining feature of this collaboration is the geographical proximity of the two entities. EcoCortec's manufacturing plant is situated in Beli Manastir, whilst Orqa's headquarters are located just 20 minutes away in Osijek, creating a highly efficient, 'just-in-time' supply chain. By sourcing technical materials from a local supplier, Orqa successfully avoids the logistical challenges and high costs associated with international imports.

This localised approach grants significant environmental and operational benefits:

- The short transit distance dramatically cuts down on transport emissions.
- It enables rapid response times and immediate delivery capabilities.

Because the EcoSonic® VpCI®-125 ESD bags are fully recyclable, the supply chain remains entirely sustainable and waste-free.

In an industry where speed is paramount, having a partner virtually next door allows for seamless transitions from production to global shipping without international delays.

For Orqa, whose unmanned aerial vehicles operate in the most demanding environments on Earth, specialised packaging is critical. During global transit, electronic hardware faces two severe threats: salt-air corrosion and electrostatic discharge (ESD).

This level of robust protection is absolutely vital for military and defence projects, where equipment is frequently stored for extended periods or transported through extreme humidity. The use of EcoCortec's non-toxic VpCI® bags guarantees that sensitive devices, such as Orqa's MRM2-10 drone, do not suffer operational failures caused by rust or static electricity. This identical reliability is equally essential for industrial applications, including the inspection of offshore oil rigs or power grids, where hardware must remain in flawless condition despite harsh, saline environments.

By merging specialised chemical engineering with world-class aerospace electronics, EcoCortec® and Orqa are firmly positioning Croatia as a serious provider of sophisticated, end-to-end technological solutions capable of competing at the highest international levels. This alliance enables Orqa to maintain a thoroughly European, sustainable supply chain that satisfies the most rigid global standards for reliability and performance.

"Our collaboration with our fellow Croatian neighbours shows that companies don't have to look outside our borders for world-class innovation. By keeping things local, we ensure the supply chain stays reliable and eco-friendly, meeting the same strict international standards as the world's top tech firms," has commented Boris Miksic, CEO of EcoCortec.

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