

# Revolutionizing Returnable Transport Item Management

## with Radio Frequency Identification (RFID)



### The Challenges of RTI Management

In the dynamic world of automotive and logistics, effective management of Returnable Transport Items (RTIs) is crucial for optimizing operations and cutting costs. Yet, traditional RTI management methods face persistent challenges.



### Are You Struggling With...

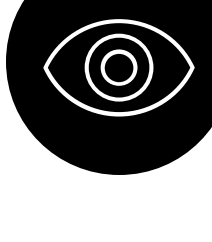

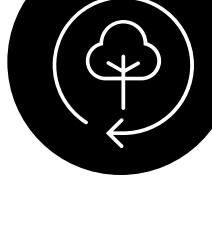

- Lack of real-time visibility?
- Manual errors and delays?
- Loss and damage of valuable RTIs?
- Inventory inaccuracies?
- Sustainability demands?

**There are two key applications where RFID-marked RTIs can make a difference:**

1. RTI Management: Monitor the RTI pool to track losses, damages, and availability.
2. Supply Chain Visibility: Gain insights into items packed within RTIs, improving inventory accuracy and overall supply chain transparency.

### The RFID Solution: Take Control and Reduce Costs

Integrating RFID technology into RTIs brings significant benefits to supply chain operations. By streamlining logistics and automating workflows, RFID boosts efficiency and cuts costs. It enables real-time tracking for complete supply chain visibility, improving management and allowing faster problem-solving. RFID also reduces the risk of RTI loss, damage, or theft, strengthening inventory control and resilience. Additionally, it supports sustainability by cutting waste and reducing single-use packaging, making it an eco-friendly solution for modern supply chains.




 <b>Real-Time Visibility &amp; Optimization</b> <ul style="list-style-type: none"><li>• Track RTIs end-to-end.</li><li>• Automate tracking, eliminate errors.</li><li>• Optimize RTI use, lower costs.</li></ul>	 <b>Risk Mitigation</b> <ul style="list-style-type: none"><li>• Reduce loss, damage, theft.</li><li>• Improve inventory control, build resilience.</li></ul>	 <b>Sustainability &amp; Circular Practices</b> <ul style="list-style-type: none"><li>• Minimize waste, reduce single-use packaging.</li><li>• Support achieving your ESG goals.</li></ul>	 <b>Durability</b> <ul style="list-style-type: none"><li>• Rugged RFID solutions for tough environments</li></ul>
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### Avery Dennison: Your RFID Solution Partner

Avery Dennison delivers innovative RFID-based solutions to revolutionize RTI management and tackle industry challenges. Our diverse portfolio of RFID tags and labels is specifically designed for RTI applications, offering tailored options to meet various needs

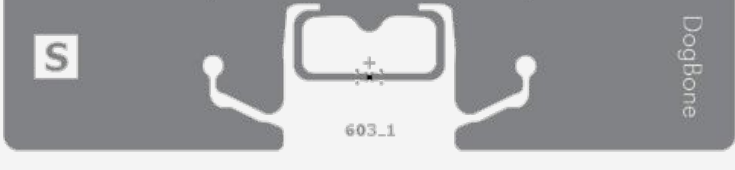
### Which inlay for your RTIs?

 <b>Plastic RTI</b> <b>Recommended RFID</b> <ul style="list-style-type: none"><li>• AD Dogbone</li><li>• AD Miniweb</li><li>• AD Dogbone Dura 2.0</li><li>• AD Line</li><li>• AD Anchor</li></ul>	 <b>Metal RTI</b> <b>Recommended RFID</b> <ul style="list-style-type: none"><li>• AD 2Metal Rock</li></ul>	 <b>Wooden Crate</b> <b>Recommended RFID</b> <ul style="list-style-type: none"><li>• AD Dogbone</li><li>• AD Squarewave</li><li>• AD Belt</li></ul>
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### Product

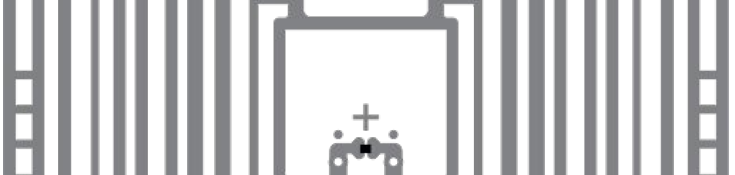
### Offering

#### AD Dogbone



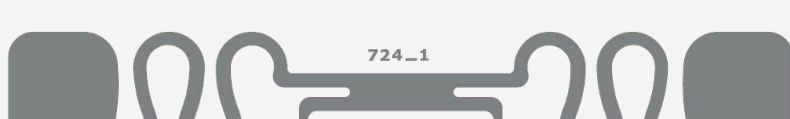
Designed for tracking pallets and containers, this versatile RFID inlay offers a superior reading range and maintains stable performance despite potential detuning from materials within the RTI.

#### AD Miniweb



A compact design ideal for item-level tracking, making it a versatile choice for logistics operations.

#### AD Belt



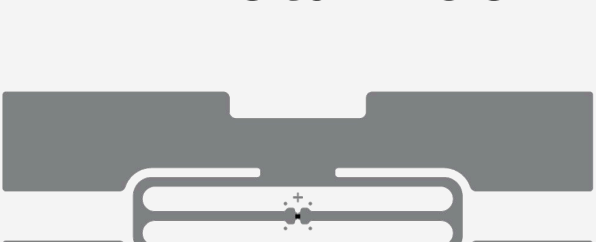
High-performance RFID tags designed for challenging materials like cardboard and plastic.

#### AD Squarewave



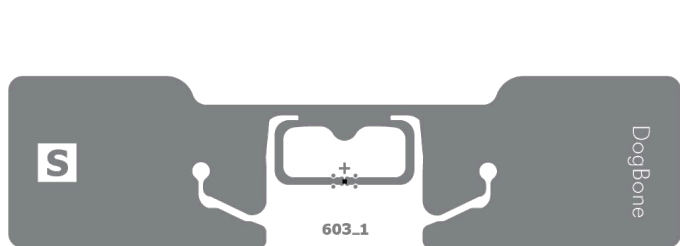
Accurate readings across diverse materials and global operations in logistics, inventory, and supply chain applications.

#### AD 2Metal Rock



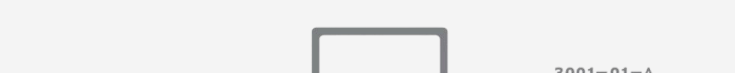
Optimal for tagging metal objects in automotive and logistics applications as well as tagging Returnable Transport Items (RTI) such as ESD boxes and metal crates.

#### AD Dogbone Dura 2.0



Engineered for demanding environments, offering exceptional durability under tough conditions.

#### AD Line



In-Mold options engineered to withstand rigorous injection molding process, it ensures efficient cycle times and performs optimally across a wide temperature range.

#### AD Anchor



Designed for general industry, supply chain, and logistics. Ideal for tracking assets such as plastic pallets, plant trays, shipping bins, waste containers, and plastic components used in production and automotive applications.

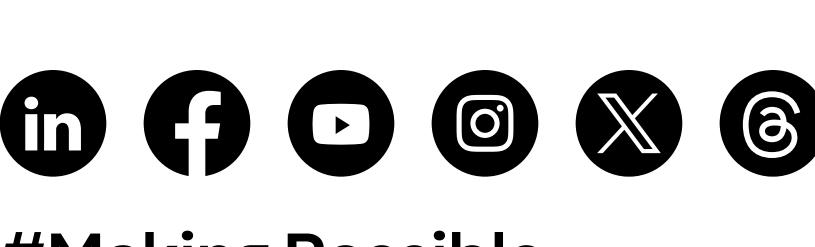
### Why Avery Dennison?

With a broad portfolio of solutions for every RTI need, ranging from basic to harsh environment tracking, we bring decades of proven expertise in RFID technology, materials science, and manufacturing. Our globally available products are backed by consistent technical support, ensuring reliability wherever you operate. Engineered for durability and performance, our offerings are designed to withstand the toughest logistics and automotive conditions.

At Avery Dennison, we deliver value through efficiency and cost savings by streamlining processes, reducing manual work, and optimizing RTI usage. Our solutions enhance traceability with real-time data, enabling better decision-making and a more responsive supply chain. We also prioritize sustainability by supporting circular economies and reducing environmental impact. Transform your RTI management with our innovative RFID solutions.

Ready to get started?  
**Contact us today** to learn more.

[rfid.averydennison.com](https://www.rfid.averydennison.com)

  
**#Making Possible**

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