

# AD TexTrace™ Heat Seal LoG

## Product characteristics

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**Level of Integration**

Fully

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**Process of Integration**

Heat seal

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**Inventory Management**

Fully

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**Self Check-Out Functionality**

Fully

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**Support Use-Cases beyond POS**

Fully

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**Printing**

Thermal

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**Encoding**

Standard

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**Washability**

High

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**Durability (RF Performance)**

High

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**Softness / touch & feel**

Flexible

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**Sustainability**

Circularity

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**Segments**

Apparel and Retail

Food

Beauty

Automotive

Healthcare

Logistics

Team Sports

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**Frequency Band**

UHF 860 - 960 MHz or

NFC 13.56 MHz

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**International Standards**

ISO/IEC 18000-63 Type C (UHF) or

ISO 14443A (NFC)

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**RoHS**

EU Directive 2011/65/EC and

Directive (EU) 2015/863

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**REACH**

Regulation (EC) No. 1907/2006



## Permanent RFID solution: for inventory management and brand experience applications

AD TexTrace™ Heat Seal LoG\* (Life of Garment) is a durable, flexible and washable RFID solution that can be permanently embedded or applied to fabric substrates such as woven patches. Unlike standard hangtags or care labels that are often removed, this solution is integral to the garment and maintains its functionality in end-to-end applications i.e. from factory to end of life. Applied using a heat-seal adhesive, the AD TexTrace™ Heat Seal LoG\* is tested to withstand over 100 home wash/dry cycles, dry cleaning, and some industrial wash applications. The AD TexTrace™ Heat Seal LoG\* is currently available with either UHF or NFC RFID inlay.

### General Retail Applications (UHF RFID):

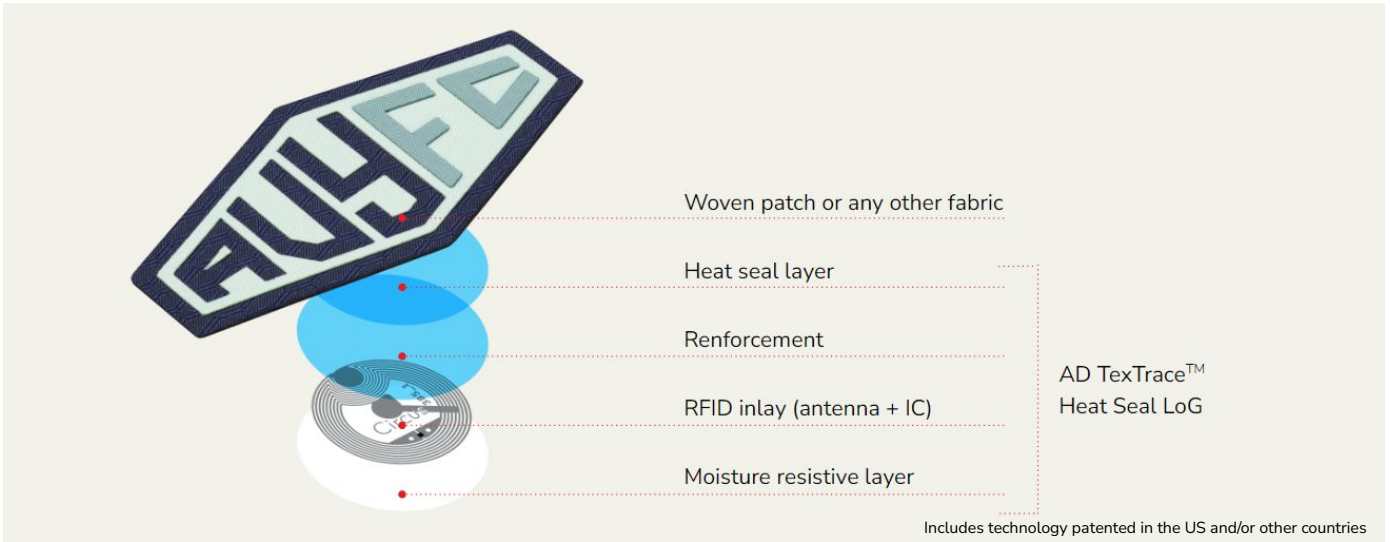
- Supply chain & omnichannel transparency and optimization
- Inventory accuracy
- Loss prevention
- Self checkout and easy & quick return handling (no re-tagging)
- Circulation

### Customer Experience and Product Authentication Applications (NFC RFID)

- Customer engagement
- Brand loyalty (e.g sports merchandise)

Avery Dennison inlays and tags are compliant with ISO 9001:2015 Quality Management and ISO 14001:2015 Environmental Management, which ensure a reliable and state-of-the-art product compliant with the needs of retailers.

\*Includes technology patented in the US and/or other countries



## Available RFID inlays

Available Inlays	Frequency	Chip	Antenna Size	AD TexTrace® Heat Seal LoG* size
AD Circus	NFC	NXP NTAG213	Ø 22mm / 0.87 in	Ø 30 mm / 1.18 in
AD Circus™ Flex	NFC	NXP NTAG213	Ø 20mm / 0.79 in	Ø 30 mm / 1.18 in

## 100+ Home wash/dry cycles tested with the washer & dryer settings below

Washer Settings		Dryer Settings	
Machine	Durawash Roaches	Exhaust Temp.	52 C / 126F
Detergent	150 gr of common washing powder containing a brightening agent and an oxygen-based bleaching agent		
Ballast	Polyester Makeweights complies with EN ISO 6330:2000/Amd. 1:2008		
Ballast Qty	1 Kg		
Wash Temp.	49C / 120F		
<b>Note</b>	<b>1 minute by Durawash = 1 home cycle</b>		

\*Includes technology patented in the US and/or other countries

### Contact information

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Connect with us on:



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**Warranty:** Please refer to Avery Dennison standard terms and conditions: [rfid.averydennison.com/termsandconditions](http://rfid.averydennison.com/termsandconditions)

**Care and handling:** RFID inlays are sensitive to ESD. Observe standard industry practices relating to electronics / RFID to keep environmental impact and static charge to a minimum.

**Applications:** This product should be tested by the customer / user thoroughly under end use conditions to ensure the product meets the particular requirements. Avery Dennison does not represent that this product is fit for any particular purpose or use. Avery Dennison reserves the right to modify, change, supplement or discontinue product offerings at any time without notice. The information contained herein is believed to be reliable but Avery Dennison makes no representation concerning the accuracy or correctness of the data.

