



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

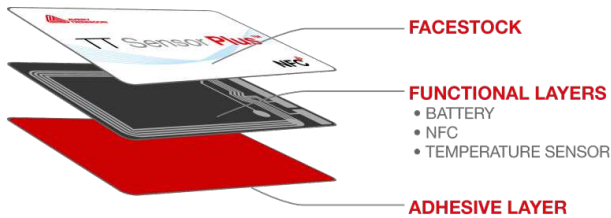
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TT Sensor Plus™



A product that tracks the temperatures an item is exposed to throughout its supply chain journey. Based on the temperatures the product is exposed to, TT Sensor Plus can indicate if the item is suitable for its intended use. The data is stored in an NFC chip and can be uploaded to a smartphone at anytime, anywhere throughout the supply chain.

Warranty: All statements, technical information and recommendations about AVERY DENNISON products are based upon tests believed to be reliable but do not constitute a guarantee or warranty. All AVERY DENNISON products are sold with the understanding that PURCHASER has independently determined suitability of such products for its purposes. AVERY DENNISON products are warranted to the original purchaser to be free from defects in material or workmanship for a period of one year from date of shipment. Purchaser's sole and exclusive remedy for breach of this warranty shall be the replacement of the defective products or, at AVERY DENNISON's option, the issuance of a credit or refund in an amount up to the purchase price of the defective product. In no event shall AVERY DENNISON be responsible for claims beyond the purchase price of the defective product. THE WARRANTY SPECIFICALLY SET FORTH ABOVE IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OR MERCHANTABILITY, FITNESS FOR ANY PARTICULAR USE AND/OR NON-INFRINGEMENT. AVERY DENNISON SPECIFICALLY DISCLAIMS AND EXCLUDES ALL OTHER SUCH WARRANTIES. IN NO EVENT SHALL AVERY DENNISON BE LIABLE TO PURCHASER OR ANY OTHER PARTY FOR INDIRECT, CONSEQUENTIAL, INCIDENTAL, SPECIAL OR PUNITIVE DAMAGES. No representative or agent of AVERY DENNISON is authorized to give any guarantee or warranty or make any representation contrary to the above. No waiver, alteration, addition or modification of the foregoing conditions shall be valid unless made in writing and signed by an executive officer of AVERY DENNISON.

Statement of Practical Use:

All pressure-sensitive materials should be tested thoroughly under end-use conditions to ensure they meet the requirements of the specific application.

Product Information

Functionality:

TT Sensor Plus incorporates sensor functionality and temperature data logging capabilities in a low-cost, disposable label solution. When affixed to a product or container, the thin, flexible label can be programmed to record the temperature history of goods at user defined intervals during shipment. Once a shipment reaches its destination, the label's temperature data can be downloaded and reviewed from an Android™ smartphone or tablet with the easy-to-use TT Sensor Plus mobile app.

Applications:

- Pharmaceutical and medical
- Food and beverage
- Chemicals and polymers
- Other temperature-sensitive goods

Adhesive Characteristics & Performance:~

A general purpose, acrylic-permanent adhesive with good tack to low surface energy substrates. It is compliant to US FDA 21 CFR 175.105 (adhesive) for food packaging and processing as well as ECC 88/378/EEC, CEN EN71, Part 3.

- Minimum application temperature: +5°C
- Service temperature range: -15°C to +90°C
- Peel adhesion after 24 hour dwell at room temperature
- Stainless steel: 10.9 (lb)
- Corrugated paper: 1.82 (lb)

Sustainability:

TT Sensor Plus labels are powered with a thin, flexible, disposable battery technology, which is:

- RoHS certified
- REACH compliant
- EU Battery Directive compliant

Components:

- High-frequency antenna
- Embedded temperature sensor
- Real-time clock
- Temperature alarm
- Data storage

Operating Capabilities:

- Operating temperature range: -20°C to +50°C
- Shelf life: >1 year

Product Temperature Integrity:

- Temperature Accuracy:
 - ±0.5° C at -10 to +20° C typical
 - ±1.5° C at -20 to -10° C and +20 to +50° C
- Configurable temperature alarming parameters

Wireless Communication Compliance:

- Near Field Communication (NFC)
- NFC-enabled Android smartphones and tablets
- Operating frequency: 13.56MHz
- ISO 15693/NFC-V compliant

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