



## AP Roll Label

The Advanced Performance (AP) Roll Label delivers reliable performance and merchandise protection using proven Sensormatic technology. This AM EAS label features a robust design for consistent deactivation at the point-of-sale (POS) and reliable performance, even when exposed to environmental stressors including shipping and handling. This label design is for automatic application to merchandise at the point of manufacturing so retailers can receive floor-ready merchandise with consistent label placement, expediting receiving and selling floor fulfillment.

### Retailer Values

- // Utilizes proven Sensormatic AM technology and manufacturing process to provide reliable detection performance
- // Applied at the source allows merchandise to arrive tagged and shelf ready, moving faster from receiving to sales floor
- // Better label adhesion ensures durability and longevity on merchandise during shipping, storage and handling
- // Permits open merchandising while still combatting theft

- // Quality materials and precision manufacturing help deliver consistent deactivation at the POS
- // Small label footprint minimizes impact on brand promotion and important product information
- // Works well when placed on liquids, foils and in metal shopping carts
- // Reactivable for unlimited reuse

### Product Codes

**Small Roll:**

ZLAP2K1: White

**Large Roll:**

ZLAP85K1: White

### Technology

AM

### Product Compatibility

Sensormatic AM detection and deactivation devices.

### Environmental Constraints

**Temperature**

Maximum storage temperature not to exceed 50°C (122°F) for 96 hours at 80% RH.

**Humidity**

Unaffected by 80% humidity at 50°C (122°F), up to 96 hours.

### Shelf Life

**Small Roll:**

Two years from date of manufacture when labels are stored between 15°C -32°C (60°F-90°F), 30-80% RH.

**Large Roll:**

One year from date of manufacture when labels are stored between 15°C-32°C (60°F-90°F), 30-80% RH.

### Mode of Application

**Small Roll:**

Hand or Tabletop

**Large Roll:**

Automatic

### Materials of Construction

**Plastic Substrate**

Polystyrene/Polyethylene 0.254mm (0.010in) thick

**Magnetic Acoustic Resonator**

Proprietary resonant magnetic material. Amorphous alloy based on iron, containing nickel, cobalt, boron and silicon

**Laminate**

Low Density Polyethylene/Polyester Polyethylene 0.101mm (0.0040in)

**Bias**

Proprietary semi-hard magnetic material containing iron and nickel

**Adhesive**

Double-coated, rubber-based adhesive:

- // 2.4mil thick per side
- // Minimum peel strength of 2.27kg/5lbs

**Release Liner**

PET (Polyethylene) film silicone treated  
0.0508mm + - 10% thick

**Dimensions**

**Color** ..... White

**Length**..... 44.6mm ± 0.15mm  
(1.76in ± 0.006in)

**Width** ..... 10.16mm ± 0.15mm  
(0.40in ± 0.006in)

**Label Thickness**

(excluding liner)..... Maximum  
1.32mm (0.052in)

(including liner)..... Maximum  
1.37mm (0.054in)

**Liner Width** ..... 48.64mm ± 0.75mm  
(1.915in ± 0.030in)

**Label Repeat** ..... 14.73mm ± 0.75mm  
(0.580in ± 0.030in)

**Label to Liner**

**Spacing**..... 2.02mm ± 0.75mm Large;  
± 2.0mm Small (0.080in ± 0.030in)

**Note:** Warranty terms and conditions are as specified in the applicable Sales Agreement.

**CE** This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both

**See [Sensormatic.com](http://Sensormatic.com) for Usage Instructions**

**Additional Consideration:**

This label is not recommended for use with the Sensormatic Contact Pad deactivator.

**ROLL SPECIFICATIONS**

	Small Roll	Large Roll		Small Roll	Large Roll
PRODUCT CODE	ZLAP2K1	ZLAP85K1	PRODUCT CODE	ZLAP2K1	ZLAP85K1
Diameter Of Core	76.2mm (3in) core	152.4mm (6in) core*	External Carton Dimensions	27.6 x 24.5 x 30.5cm (10.88 x 9.63 x 12in)	51.8 x 51.8 x 25.4cm (20.38 x 20.38 x 10in)
Max Roll Diameter	230mm (9.05in)	470mm (18.5in)	External Cubic Ft. Per Case	0.73	2.4
Number Splices	3 splices, 1 leader splice	5 splices, 1 leader splice	Roll Size	2,000-unit roll	8,500-unit roll
Roll Weight	0.78kg (1.71lbs)	3.40kg (7.62lbs)	Rolls Per Case	5	4
Case Weight	4.72kg (10.40lbs)	15.42kg (33.92lbs)	Cases Per Pallet	45	16

\*Includes 3in core adapter