

**Sustainable SPX AM Sheet Label
Eco-friendly, Robust, and
Sustainable**

At Sensormatic Solutions, responsible retail is at the heart of everything we do. We seek to continuously improve our sustainability work and provide solutions that are more environmentally conscious. These efforts are reflected in the actions and steps we take towards retail business operations – from the supply chain to the sales floor – which we believe will contribute to a stronger, healthier tomorrow.

As part of our commitment to the environment, Sensormatic Solutions introduces the world’s first kraft wood fiber reinforced, virtually plastic-free, acoustic-magnetic (AM) label, that helps reduce waste and improve recyclability.

The Sustainable SPX AM Label utilizes Forestry Stewardship Council (FSC) -certified paper which provides a robust, durable and secure design. Moreover, it is manufactured with eco-friendly materials that reduce post-consumer waste, carbon footprint, and energy consumption. All labels ship in up to 97% recycled packaging.

This AM EAS label meets our environmental commitments towards sustainability while

continuing to deliver superior merchandise protection using proven Sensormatic technology. Precision-tuned to ensure the Sustainable SPX AM Label is deactivated at the point-of-sale, and with outstanding detection performance that works well in both 1.8m and wide exit systems.

This label can also be applied 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

- Helps meet the global directive which prohibits the use of single-use plastics
- Manufactured with eco-friendly materials and processes helps reduce waste and improve recyclability while safeguarding against shrink
- Forestry Stewardship Council (FSC) -certified material, ultimately helps retailers with their sustainability objectives
- Delivers the same performance, reliability, and consistency you’ve come to expect from Sensormatic, now in a sustainable material

Product Codes

ZLSPXS1: White

Technology

Acousto-Magnetic (AM)

Product Compatibility

Sensormatic AM detection and deactivation devices

Environmental Constraints

Storage Conditions

Keep in a cool dry place away from moisture or water

Shelf Life

One year from date of manufacture in the recommended storage conditions

Mode of Application

Hand

Materials of Construction

Paper Substrate

White Kraft Paper
350g/m2 +/- 15m2
Thickness 400um +/- 15um

Magnetic Acoustic Resonator

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

Laminate

White Kraft Paper
80g/m2 +/- 4m2
Thickness 105um +/- 110um

Release Liner

Densified Kraft liner 0.12mm (0.0046in) thick.

Bias

Proprietary semi-hard magnetic material

Adhesive

Double-coated, rubber-based adhesive:
 • 3.7 mil thick each side
 • Minimum peel strength of 2.02kg/4.4lbs/in

Dimensions

Color White
 Length.....49.00 mm ± 0.5 mm
 (1.929 in ± 0.020 in)
 Width 13.41 mm ± 0.5 mm
 (0.528 in ± 0.020 in)

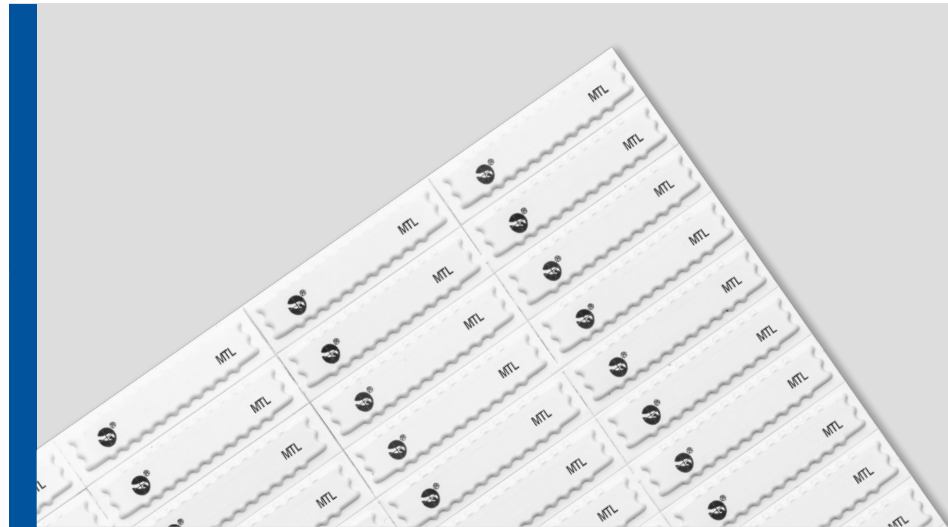
Label Thickness

Without liner max 1.85mm (0.073 in)
 With linermax 2.00mm (0.079 in)
 Labels Per Sheet.....108

Sheet Specs	
	Sheet
PRODUCT CODE	ZLSPXS1 - White
Case Weight	2.993kg (6.6lbs)
External Carton Dimensions	33.02 x 26.67 x 11.43cm (13 x 10.5 x 4.5)
External Cubic Ft. Per Case	0.3555 ft ³
Boxes Per Pallet	105
Order Multiple	5,000 per box

CE This product is in conformity with RoHS Directive 2011/65/EU, 2015/863/EU and REACH regulation as defined in EC No 1907/2006 and subsequent amendments.





Metal Sheet Label

The Metal Sheet Label delivers top-of-the-line performance and superior merchandise protection when attached to metal surfaces or metallic packaged products. This label expands merchandise protection capabilities to include previously unprotectable SKUs that were difficult to protect with standard EAS labels. It also provides exceptional range, sensitivity, detection, and consistent deactivation at the point-of-sale (POS).

Designed to perform on metal surfaces or metallic packaged products such as canned food items, baby formula, energy drinks, and DIY tools, this robust and stable AM EAS label operates efficiently after exposure to environmental stresses, including shipping and handling. Available for in-store hand application, this label can also be applied 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

- Expands product protection categories to cover previously unprotectable SKUs to help increase sales
- Delivers the highest level of anti-theft protection for on-metal products to help deter shoplifting and ORC activity
- Robust construction provides optimal merchandise protection

Suggested Solution Application

Energy Drinks, Baby Formula, DIY Tools, Housewares, Health & Beauty Metalized Containers, Batteries, Canned Food Items, Automotive, Cannabidiol (CBD) Product Packaging

Product Codes

ZLMTLS1: White

Technology

Acousto-Magnetic (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

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

Mode of Application

Hand

Materials of Construction

Plastic Substrate

Polystyrene/Polyethylene 0.254mm (0.010in) thickness

Magnetic Acoustic Resonator

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

Laminate

Low Density Polyethylene/Polyester
0.101mm (0.004in)

Bias

Proprietary semi-hard magnetic material containing iron and nickel

Adhesive

Double-coated, rubber-based adhesive:

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

Release Liner

Double-sided, silicon-coated 80lb. bleached Kraft liner 0.114mm (0.0045in) thick.

Dimensions

Color White
 Length..... 45.21mm ± 0.5mm
 (1.78in ± 0.020in)
 Width 10.67mm ± 0.5mm
 (0.420in ± 0.020in)

Label Thickness

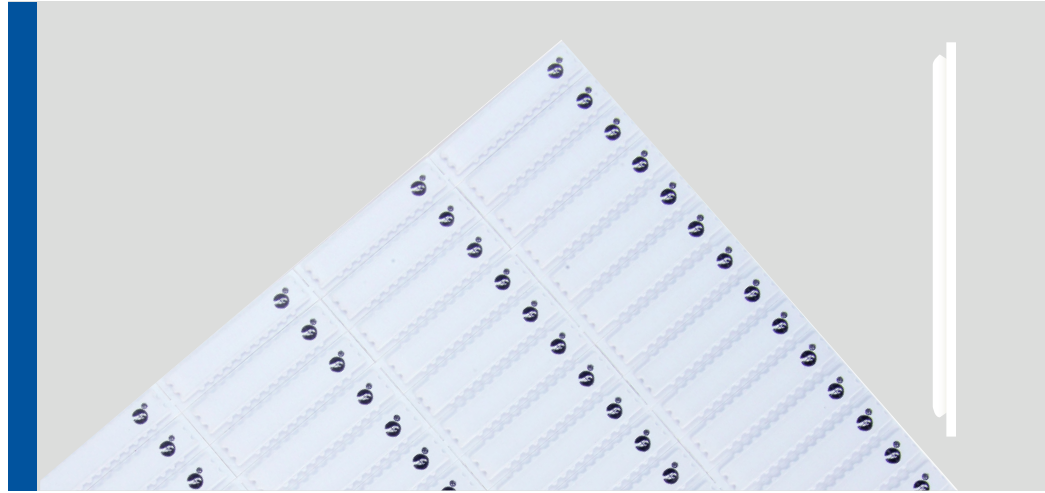
Without liner max. 2.32mm (0.091in)
 With linermax. 2.47mm (0.097in)
 Labels Per Sheet..... 108

Sheet Specs

	Sheet
PRODUCT CODE	ZLMTLS1
Case Weight	2.336kg (5.15lbs)
External Carton Dimensions	27.9 x 20 x 11cm (11 x 8 x 4.5in)
External Cubic Ft. Per Case	0.23
Cases Per Pallet	160
Order Multiple	2,500-unit case

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APX Sheet Label

The premier choice in label performance and merchandise protection.

The Advanced Performance Xtreme (APX) Sheet Label delivers top-of-the-line performance and superior merchandise protection using proven Sensormatic technology. The APX Label provides exceptional range, sensitivity, tamper-resistance, detection and consistent deactivation at the point-of-sale (POS) with virtually no nuisance alarms. This robust and stable AM EAS label operates efficiently after exposure to environmental stresses, including shipping and handling. Available for in-store hand application, this label can also be applied 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
- Quality materials and precision manufacturing help deliver consistent deactivation at the POS

- Small label footprint minimizes impact on brand promotion and important product information
- Robust construction provides optimal merchandise protection
- Works well on liquids, foils and in metal shopping carts
- Reactivable for unlimited reuse

Product Codes

- ZLAPXS1: White
- ZLAPXS2: Mock barcode
- ZLAPXS5: Black

Technology

Acousto-Magnetic (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

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

Mode of Application

Hand

Materials of Construction

Plastic Substrate

Polystyrene/Polyethylene 0.254mm (0.010in) thickness

Magnetic Acoustic Resonator

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

Laminate

Low Density Polyethylene/Polyester
0.101mm (0.004in)

Bias

Proprietary semi-hard magnetic material containing iron and nickel

Adhesive

Double-coated, rubber-based adhesive:

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

Release Liner

Double-sided, silicon-coated 80lb. bleached Kraft liner 0.114mm (0.0045in) thick.

Dimensions

Color White, Mock Barcode, Black
 Length..... 45.21mm ± 0.5mm
 (1.78in ± 0.020in)
 Width 10.67mm ± 0.5mm
 (0.420in ± 0.020in)

Label Thickness

(excluding liner) Maximum... 89mm (0.074in)
 (including liner) Maximum 2.00mm (0.079in)

Labels Per Sheet..... 108

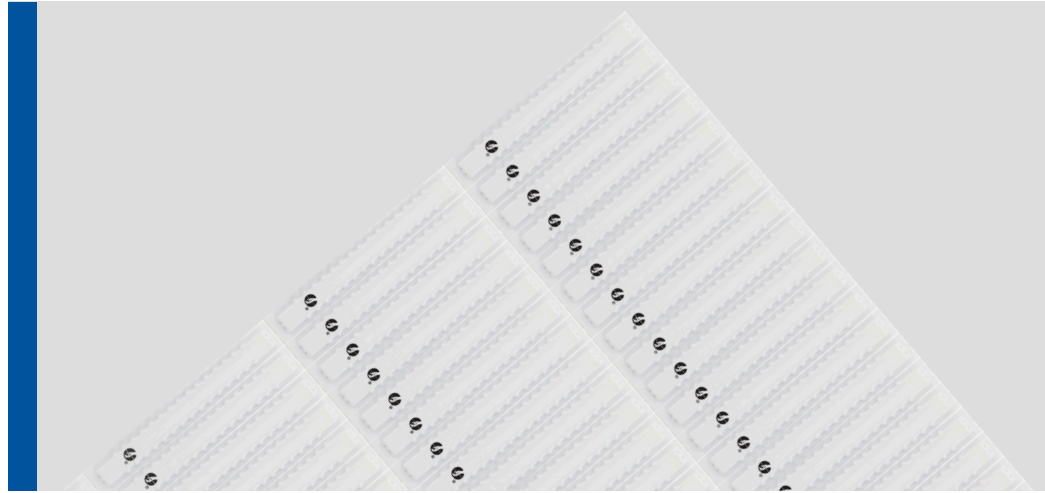
Sheet Specs	
	Sheet
PRODUCT CODES	ZLAPXS1,ZLAPXS2 ZLAPXS5
Case Weight	2.486kg (5.48lbs)
External Carton Dimensions	27.9 x 20 x 11cm (11 x 8 x 4.5in)
External Cubic Ft. Per Case	0.23
Cases Per Pallet	160
Order Multiple	5,000-unit case

Note:

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

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HBC Sheet Label

The Health, Beauty & Cosmetic (HBC) Sheet Label delivers merchandise protection using proven Sensormatic technology to fit the narrowest of merchandise. This AM EAS label design secures items small enough to quickly hide or those that may be taken without attracting attention. The HBC label provides consistent deactivation at the point-of-sale (POS) and reliable detection performance.

Available for in-store hand application, this label can also be applied to merchandise at the point of manufacturing. This allows retailers to receive floor-ready merchandise with consistent label placement to help expedite receiving and selling floor fulfillment.

Retailer Values

- Utilizes proven Sensormatic AM technology and manufacturing processes
- Protects cylindrically-shaped merchandise too narrow for traditional EAS labels such as cosmetics, skin care and oral health products
- Permits open merchandising while still combatting theft

Suggested Solution Application

Cosmetics, Skin Care
Oral Health Products
Pain Relief

Product Codes

- ZLHBCS1: White
- ZLHBCS5: Black

Technology

Acousto-Magnetic (AM)

Product Compatibility

Sensormatic AM detection and deactivation devices

Detacher Type

SuperTag

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

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

Mode of Application

Hand

Materials of Construction

Plastic Substrate

Polystyrene/Polyethylene 0.254mm (0.010in) thickness

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 (0.004in)

Bias

Proprietary semi-hard magnetic material containing iron and nickel

Adhesive

Double-coated, rubber-based adhesive:

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

Release Liner

Double-sided, silicon-coated 80 lb bleached Kraft liner 0.114mm (0.0045in)

Specifications

Color White, Black
Length.....45.21mm + 0.5mm (1.78 + 0.020in)
Width . 6.0mm + 0.25mm (0.236in + 0.010in)

Label Thickness

(excluding liner) ..Maximum 1.6mm (0.063in)
(including liner) ...Maximum 1.8mm (0.070in)

Labels Per Sheet..... 192

SPECIFICATIONS

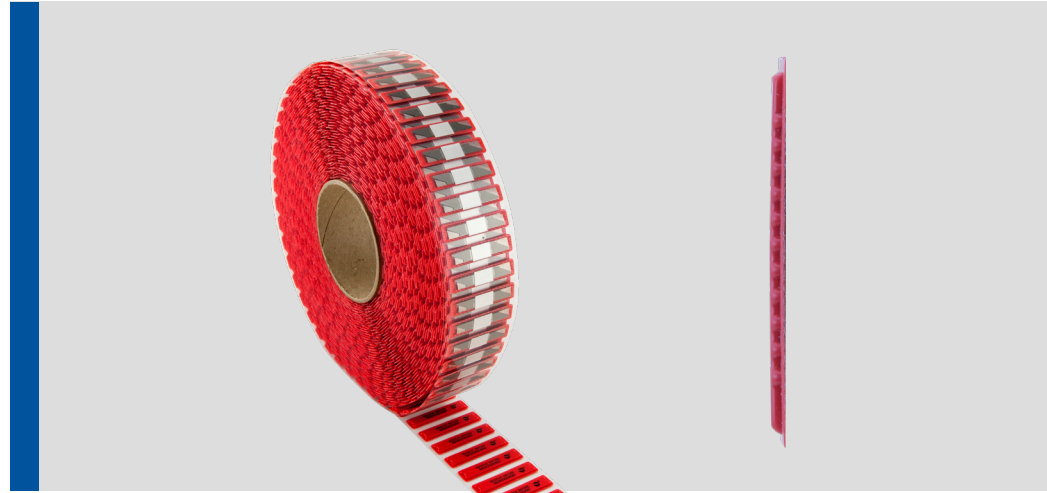
	Sheet
PRODUCT CODES	ZLHBCS1, ZLHBCS5
Case Weight	2.380kg (5.24lbs)
External Carton Dimensions	27.9 x 20 x 11cm (11 x 8 x 4.5in)
External Cubic Ft. Per Case	0.23
Cases Per Pallet	160
Order Multiple	8,864-unit case

Note:

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

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APX Microwavable Roll Label

The APX Microwavable Label offers the highest level of anti-shoplifting protection in the smallest possible footprint. Tagging high shrink merchandise such as high-end meats, fish and shell fish can help reduce shrink and positively impact the retailer's bottom line. This label features a precautionary warning text and is configured for hand application to external product packaging.

Retailer Values

- Configured for hand application to external product packaging
- Designed for food products that will be microwaved
- Utilizes proven Sensormatic AM technology and manufacturing process to provide reliable detection performance
- No detection interference caused by meat or fish products
- Robust construction provides optimal merchandise protection

Product Codes

Small Roll:
ZLAPXM1K43

Technology

Acousto-Magnetic (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

Two years 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

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:

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

Release Liner

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

Dimensions

Color Red
 Length..... 44.60mm ± 0.15mm
 (1.76in ± 0.006in)
 Width 10.16mm ± 0.15mm
 (0.40in ± 0.006in)

Label Thickness

(excluding liner) Maximum 1.73mm (0.068in)
 (including liner) .Maximum 1.78mm (0.070in)

Liner Width 48.64mm ± 0.75mm
 (1.915in ± 0.030in)
 Label Repeat 14.73mm ± 0.75mm
 (0.580in ± 0.030in)

Label to Liner Spacing

..... 2.0mm ±0.75mm
 (0.080in ±0.030in)

Additional Consideration:

The label must be applied to packaging containing meat weighing at least 227 grams (0.5lbs) or greater to be microwavable

Note:

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

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Roll Specifications	
	Small Roll
PRODUCT CODE	ZLAPXM1K43
Diameter Of Core	76.2mm (3in) core
Max Roll Diameter	240mm (9.45in)
Number Splices	3 splices, 1 leader splice
Roll Weight	0.743kg (1.63lbs)
Case Weight	4.63kg (10.20lbs)
External Carton Dimensions	27.6 x 24.5 x 30.5cm (10.88 x 9.63 x 12in)
External Cubic Ft.per Case	0.73
Roll Size	1,400-unit roll
Rolls per Case	5
Cases per Pallet	48

*Includes 3in core adapter