



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 liner max. 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

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.





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

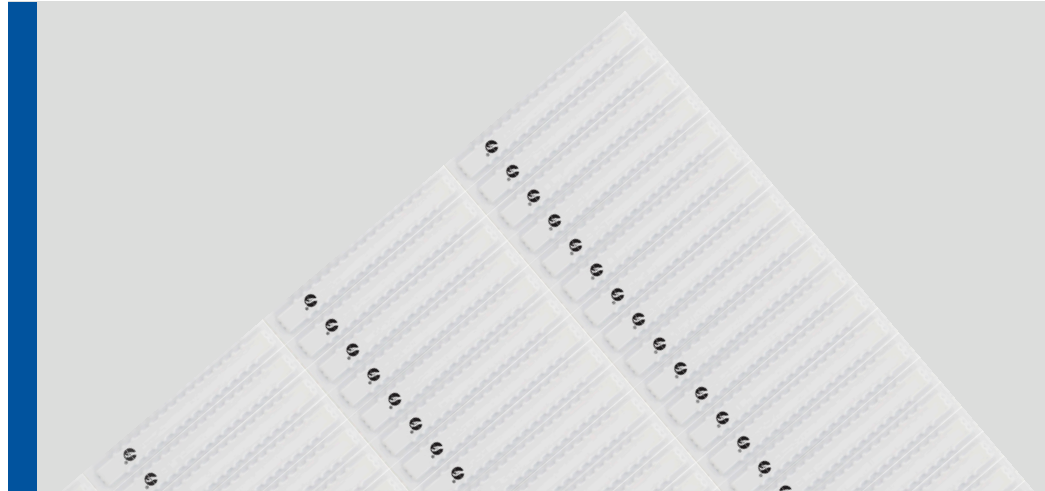
Sheet Specs	
	Sheet
PRODUCT CODES	ZLAPXS1,ZLAPXS2 ZLAPXS5
Case Weight	2.486kg (5.48lbs)
External Carton Dimensions	27.9 x 20 x 11cm (11 x 8 x 4.5in)
External Cubic Ft. Per Case	0.23
Cases Per Pallet	160
Order Multiple	5,000-unit case

Note:

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

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.





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

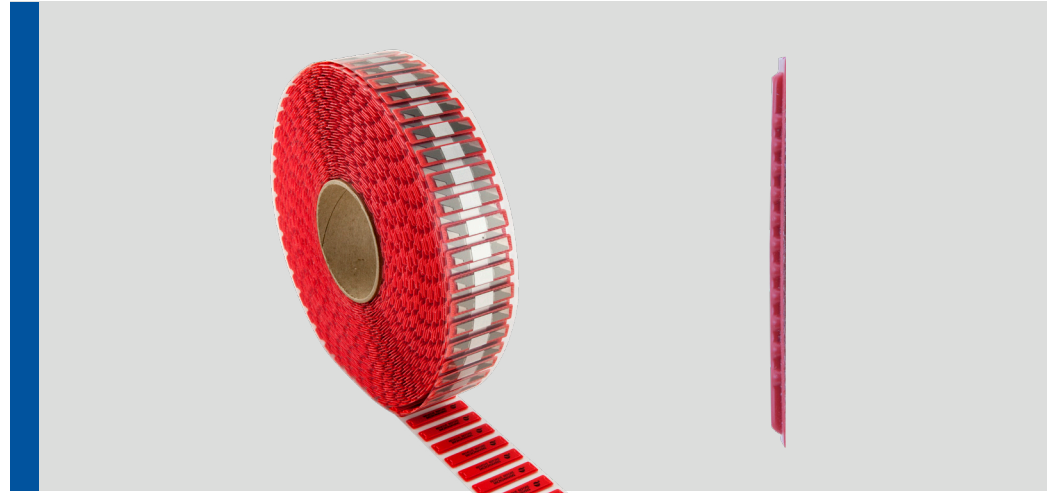
	Sheet
PRODUCT CODES	ZLHBCS1, ZLHBCS5
Case Weight	2.380kg (5.24lbs)
External Carton Dimensions	27.9 x 20 x 11cm (11 x 8 x 4.5in)
External Cubic Ft. Per Case	0.23
Cases Per Pallet	160
Order Multiple	8,864-unit case

Note:

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

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.





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.

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.

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



The Sensormatic RFID hang tag delivers consistent performance across many retail environment use cases. Our price ticket is designed for ease of use and meet your branding and important messaging for apparel, footwear and fashion accessory merchandise. These RFID hang tags enable seamless electronic product code (EPC) item-level inventory intelligence data capture across point of sale (POS), replenishment, ecommerce fulfillment, loss prevention, mobile and self-check out and many more.

Our hang tags feature a highly sensitive inlay and integrated circuit to enable global enterprise wide item-level visibility with an Electronic Product Code (EPC). Designed to provide consistent merchandise identification, data integrity and brand compliance, these tickets help enable global supply chain visibility. The RFID element stores product-specific information for real-time merchandise visibility. These price tickets can be applied in store, at distribution centers or at the point of manufacturing so retailers receive floor-ready merchandise with consistent placement to expedite receiving and optimize sales floor fulfillment.

This hang tag benefits retailers by allowing store associates to quickly scan and retrieve (POS) data necessary to complete the checkout process.

Retailer Values

- Enables near real-time merchandise visibility and improves inventory accuracy
- RFID technology enables efficient mobile and self-checkout POS solutions
- Provides minimal impact on branding and important product messaging

Product Codes

- IDH30001 (ARC Certified)
- IDH30003
- IDH30004 (ARC Certified)

Specifications

IDH30001
 Length.....70mm (2.75in)
 Width.....38mm (1.49in)
 Color.....White
 Thickness.....0.50mm (0.20in)

IDH30003
 Length.....63.5mm (2.50in)
 Width.....38mm (1.49in)
 Color.....White
 Thickness.....0.50mm (0.20in)

IDH30003
 Length.....83mm (3.27in)
 Width.....25.4mm (1.00in)
 Color.....White
 Thickness.....0.50mm (0.20in)

RFID Performance

Frequency.....860-960 MHz

Environmental Constraints

Temperature
 Operating Temperature
 -40°C to 85°C (-40°F to 185°F)

Technical Features

Integrated Circuit (IC)
 IDH30001 & IDH30004
 Impinj Monza M730

IDH30003
 NXP U9

Shelf Life
 +20°C, 50%RH / 68°F, 50%RH
 Min 2yrs from date of manufacturing

Product Compatibility

- Exit Systems**
- RFID Overhead EAS System
 - RFID Overhead 360°
 - Synergy RFID 2.5 ABS Pedestal
 - RFID Only Door-Max
 - Advanpay-120 POS RFID System
 - TrueVUE Inventory Intelligence

☑ 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.



RF Food Label

The RF Food label delivers dependable performance and merchandise protection for high value foods such as meat, small-goods, and seafood increasingly targeted by thieves. This label helps food retailers to improve on-shelf availability and increase sales.

Hidden under the price weigh label, if undeactivated protected merchandise goes through an RF electronic article surveillance (EAS) pedestal it will activate the alarm and alert personnel of an attempted theft. The label is food safe so there is no concern about whether it will damage food product. Available for in-store hand application, the RF Food 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

- Provides dependable protection enabling food retailers to improve on-shelf availability and increase sales
- Protects merchandise by tagging at the point of manufacturing so merchandise arrives shelf-ready
- Permits open merchandising while combatting theft
- Microwave (SGS) Certified
- Indirect Food Contact (ISEGA) Certified

Product Codes

- XL40FL-CLR1KAL: Small Roll
- XL40FL-CLR4KAL: Large Roll

Technology

RF (8.2MHz +/- 5%)

Product Compatibility

Sensormatic RF detection and deactivation devices.

Certifications

Microwave (SGS)
Indirect Food Contact (ISEGA)

Environmental Constraints

Temperature
18°-30°C (64°-86°F)

Humidity
55% maximum

Shelf Life
Two years from date of manufacture when labels are stored between 18°-30°C (64°-86°F).

Mode of Application

Small Roll:
Hand or Tabletop
Large Roll:
Automatic

Materials of Construction

50µm AL+13µm CPP+10µm AL

Hot Melt Adhesive

H4185-adv Bostik

Dimensions

Color Clear
Length..... 40mm ± 0.5mm
(1.57in ± 0.0197in)
Width..... 40mm ± 0.5mm
(1.57in ± 0.0197in)
Thickness 0.20mm ± 0.015mm
(0.0078in ± 0.0006in)
Liner Width 42mm ± 1.0mm
(1.65in ± 0.0394in)
Liner to Liner Spacing.....2.45mm ± 0.5mm
(0.096in ± 0.0197in)

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.

Roll Specifications

	Small Roll	Large Roll		Small Roll	Large Roll
PRODUCT CODE	XL40FL-CLR1KAL	XL40FL-CLR4KAL	PRODUCT CODE	XL40FL-CLR1KAL	XL40FL-CLR4KAL
Diameter of Core	76.2mm (3in) core	76.2mm (3in) core	External Carton Dimensions	31.9X31.8X23cm (12.56X12.52X9.06in)	23X23X23cm (9.06X9.06X9.06in)
Max Roll Diameter	136mm (5.35in)	228mm (8.98in)	External Cubic Ft. Per Case	0.82	0.43
Number Splices	3 maximum	6 maximum	Labels per Roll	1,000	4,000
Roll Weight	0.44Kg (0.97lbs)	1.75Kg (3.86lbs)	Rolls Per Case	20	5
Case Weight (gross)	9.77Kg (21.53lbs)	9.77Kg (21.53lbs)	Cases Per Pallet	42	84

