

The Ultra-Strip III Inactive label provides the highest detection and deactivation performance when properly activated with an approved device. The label is used in source tagging. Activation takes place after the label is applied.

Product Codes

ZLINA7K51 White

Label Dimensions

label length 44.6mm ± 0.15mm (1.76" ± .006")

label width 10.16mm ± 0.15mm (0.40" ± 0.006")

label thickness
(excluding liner) Maximum 1.73mm (0.068")

label thickness
(including liner) Maximum 1.78mm (0.070")

liner width 48.64mm ± 0.75mm (1.915" ± 0.030")

label repeat 14.73mm ± 0.75mm (0.580" ± 0.030")

label to liner
spacing 2.02mm ± .75mm (0.08" ± 0.03)

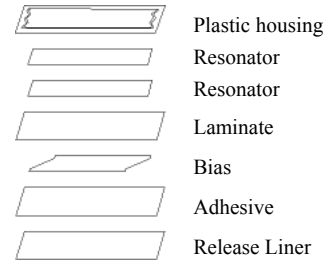
Environmental Constraints

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

Materials of Construction



plastic housing Polystyrene/polyethylene 0.3mm (0.012") thick

magnetic acoustic resonator (2) Proprietary resonant magnetic material. Amorphous alloy based on iron, and containing nickel, cobalt, boron and silicon.

laminate..... Low Density Polyethylene/Polyester 0.119mm (0.0047")

bias Proprietary semi-hard magnetic material containing iron, nickel, and chromium.

adhesive..... • Double-coated, rubber-based adhesive
• 2.4 mil thick per side
• Minimum peel strength of 80 oz./in.

release liner..... • Double-sided, silicon-coated liner
• 2 mil polyester

Roll Specifications

	7,500-unit roll*
diameter of core	152.4mm (6") core**
max roll diameter	508mm (19.6")
number splices***	6 splices, 1 leader splice
roll weight	4.09kg (9.02 lbs.)
case weight	17.77kg (39.18 lbs.)
ext. carton dimensions	51.8 x 51.8 x 25.4 cm (20.38 x 20.38 x 10")
ext. cubic feet per case	2.4 per case
rolls per case	4 rolls per case
cases per pallet	16 cases per pallet

* Designed for automatic application

** Includes 3" core adaptor

*** One missing label at each splice only

Usage Instructions

- Place within 7.6cm (3") of bar code.
- It is recommended that the surface to which the label is applied be clean and free of all dirt, grease, oil, etc.
- Label placement should be in accordance with Source Tagging Guidelines.
- Ambient magnetic field of labeled product greater than 100mG may result in reduced label performance.
- Label not to exceed temporary magnetic field exposure greater than 8 Gauss.
- Individual analysis recommended for placement on metal products.
- Label format is designed to be used with industry standard EAS automated application equipment. See your sales representative for further details.
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Activation Requirements

- Minimum required field strength: 100 Oe applied along the axis of the label.
- Angular tolerance: 0 to 55° off-axis from orientation of applied activation field. Magnitude of field along label axis must still be ≥ 100 Oe.
- Note: Activation tolerances are based on laboratory conditions. Actual performance may vary based on application and/or environment (e.g. type of product, static vs. dynamic activation, number/spacing of labels per activation cycle, etc.). The Ultra•Strip III Inactive Label is designed to have the same performance characteristics as the standard Ultra•Strip III Label. It is expected the purchaser has determined that the final activation process is capable of adequately magnetizing the labels.