

Fire Alarm Conduit Tape

(FAC) *(concept as product still in development)*

Technical
Data Sheet

Lacey
Innovations, LLC

FIRE ALARM

■ SLC ■ STRB ■ SPKR ■ VCE ■ 485 ■ HMRN
■ OUT ■ RTRN ■ PNL ■ CKT
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Actual width &
print size shown.
Each segment
repeats. (Two
segments shown)

Contact us about
other potential
conduit tapes for
your specific
needs

Primary Use:

Easily identify fire alarm conduits as to the type of circuit they contain and circuit(s) served. Critical where multiple conduits enter panels, gutters, or junction boxes.

- ◆ Identify what type of circuits are or will be installed in respective conduits based on the devices / areas the conduit will serve
- ◆ Identify individual fire alarm conduits throughout a building
- ◆ Identify a specific conduit at a gutter or junction box having multiple conduits
- ◆ Easily identify a conduit that is a homerun from a device / junction box back to the panel
- ◆ Identify junction boxes for specific circuits
- ◆ Easily troubleshoot a circuit for ground faults / shorts
- ◆ Communicate between contractor running conduit and other contractors pulling wires
- ◆ Could be used for conduit installer and wire installer to initial distinguishing who was responsible for which function and on various circuits for accountability
- ◆ Distinguish Class "A" circuits out and return path
- ◆ Significantly improves troubleshooting circuits
- ◆ Significantly reduces installation time on large buildings with many circuits
- ◆ Reduces re-pulling circuits
- ◆ Reduces errors in pulling wrong wire size for wrong circuit
- ◆ Reduces interference between circuits by clearly indicating what circuits go in which conduit

Typical Facility Applications:

- ◆ Large buildings having multiple fire alarm circuits
 - Hospitals
 - Industrial plants
 - Office buildings
 - Big Box Retail
 - High-rise
 - Data centers
 - Schools
 - Department stores
- ◆ Networked voice emergency systems
 - ⇒ Strobe circuits
 - ⇒ Voice circuits to speakers
 - ⇒ Voice circuits between amplifiers
 - ⇒ RS-485 circuits between panels
 - ⇒ Power circuits to doors, dampers, etc.

Required by owners and engineers

Quality by Contractors

"Information that Sticks!"

Technical Specs:

Repeat Sections: Tape repeats allowing for many segments (labels) per roll of tape.

Width: 1" (25mm)

Segment Length: ~3.75" (~95mm)

Length: 20 yards (pending)

Segments per roll: ~190

Core: 1" center core

Material: (pending)

Service Temp: (pending)

Elongation: ??%

Adhesive: Permanent

Printable: Using pigment permanent marker

Color: Red background, White text

Tensile strength: ?? lbs/inch

Adhesion to Steel: ?? oz./in

Concept of Use:

Recommend using a 1" tape dispenser (sold separately) for easily cutting tape between sections.

Apply on conduit at panels, gutters, junction boxes, along conduit at 20'-40' intervals, on each side of walls.

Can be applied parallel along conduit length, or wrapped around 3/4" and larger conduit without over-wrapping text.

Use pigment based permanent markers designed for archival. Such as Pigma® Series by Sakura. Dye only based markers will fade from UV and florescent lights (even dye based permanent markers).

Specify:

Contractor shall utilize a permanent pre-printed tape label to identify all fire alarm conduits for circuit type, panel serving the conduit, specific circuit(s) within conduit, homeruns, and out/return paths. Tape shall be 1" in width with each segment length allowing wrapping around a 3/4" conduit without overlapping text. Colors shall be white text on red background. Tape shall be equal to Fire Alarm Conduit Tape of Lacey Innovations at DesignersTape.com.

Due to continuous improvements, products may vary

Manufactured exclusively for Lacey Innovations, LLC - Available at www.DesignersTape.com - sales@LaceyInnovations.com

See other tape products on our website - © 2018 Lacey Innovations, LLC - Greenbrier, AR - 11/18