



LIGHTNING DIVERTER SPECIFICATIONS



ISO 9001:2015 • AS9100D
CERTIFIED COMPANY



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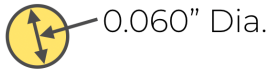
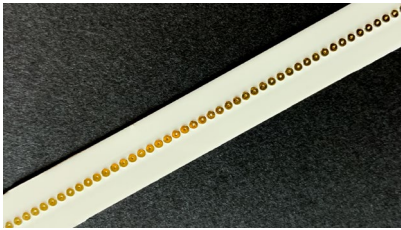


BUTTON & TERMINATION TYPES: THREE STYLES TO CHOOSE

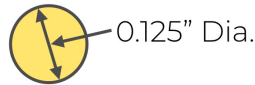
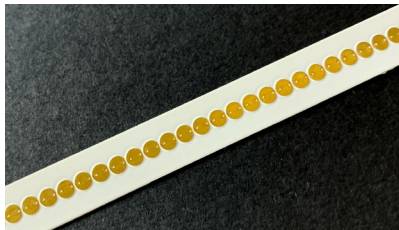
BUTTON TYPES

We offer three button types for aerospace applications:

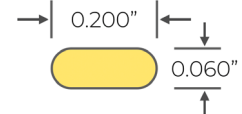
SMALL ROUND (SR)



LARGE ROUND (LR)



OVAL (OV)



TERMINATION TYPES

The following terminations are available for any button type:

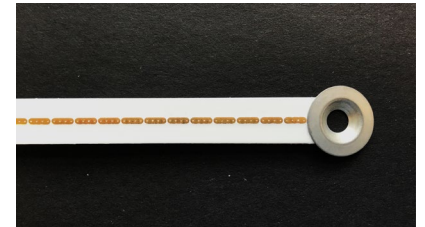
EDGE CUT (EDG)



14D DIMPLED WASHER



10D DIMPLED WASHER



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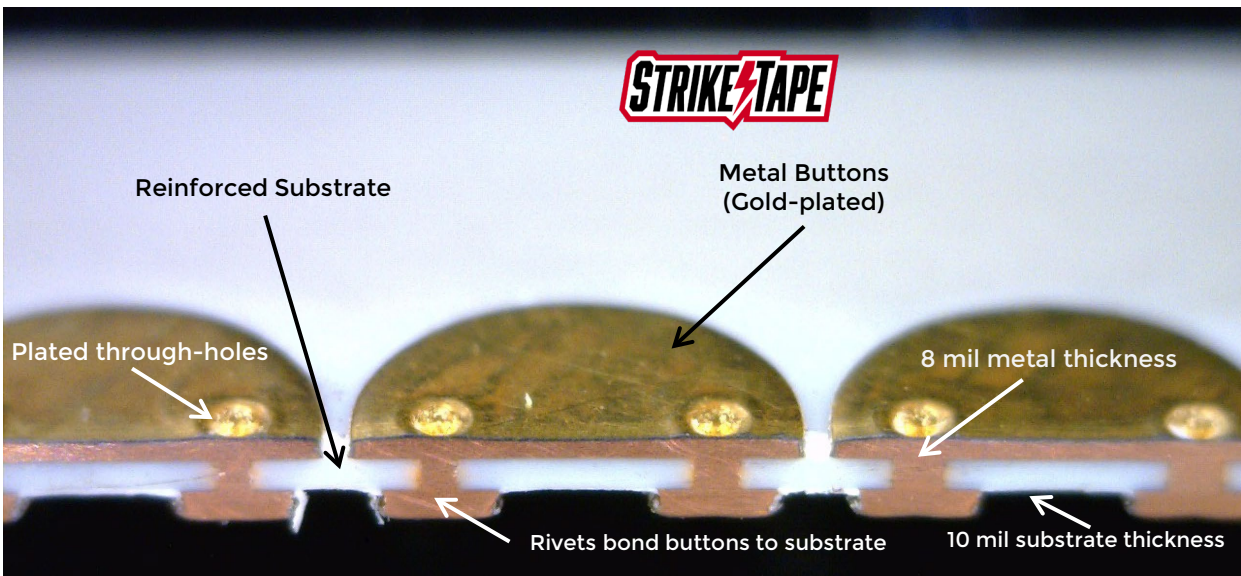
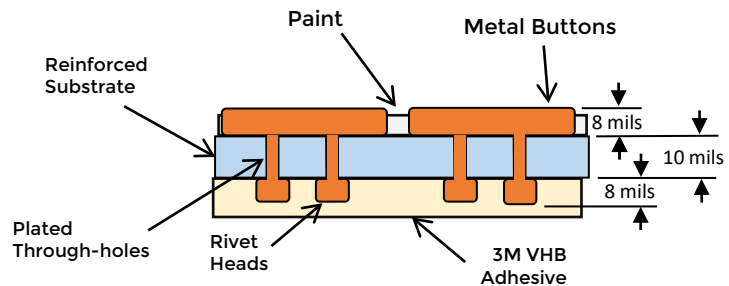
DIVERTER CROSS-SECTION AND FEATURES

Weather Guard Lightning Tech is a certified ISO9001:2015 & AS9100D company, adhering to the strictest quality assurance standards.

Diverter Features

- Substrate (strip) thickness: 10 mils
- Metal Button thickness: 8 mils
- Gold-plated metal buttons
- Rivets bond buttons to strip
- Factory-applied white paint
- 3M VHB adhesive backing (optional)

Cross Section of a **STRIKE TAPE** Diverter



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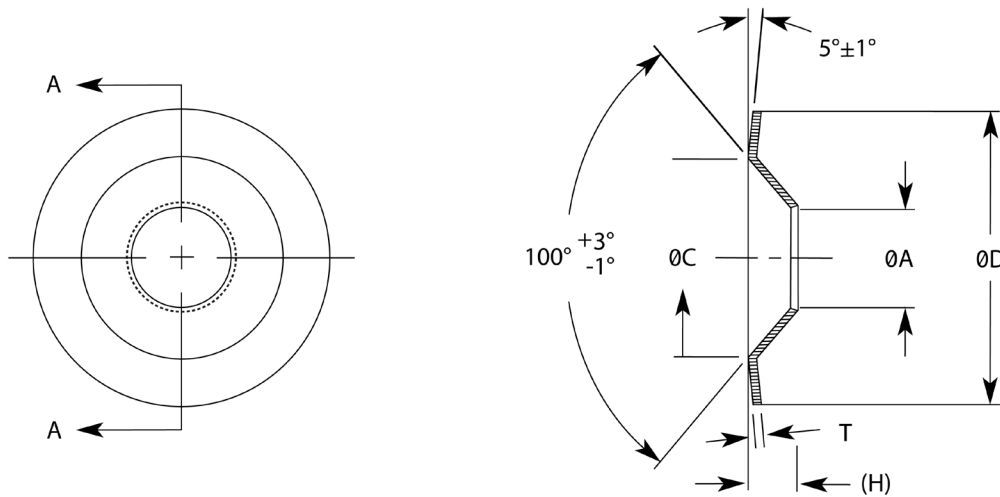
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TERMINATION SPECIFICATIONS

DIMPLED WASHER DRAWINGS



10D & 14D DIMPLED WASHER SPECIFICATIONS

Washer Type	Material	Bolt Size	ØA +0.30-.000	ØD +0.020-.005	ØC +0.010-.000	(H)	T
DD10L (10D)	Clad Aluminum 2024	10	.192	.625	.385	.099	.016
DD416L (14D)	Clad Aluminum 2024	1/4	.252	.750	.507	.125	.016



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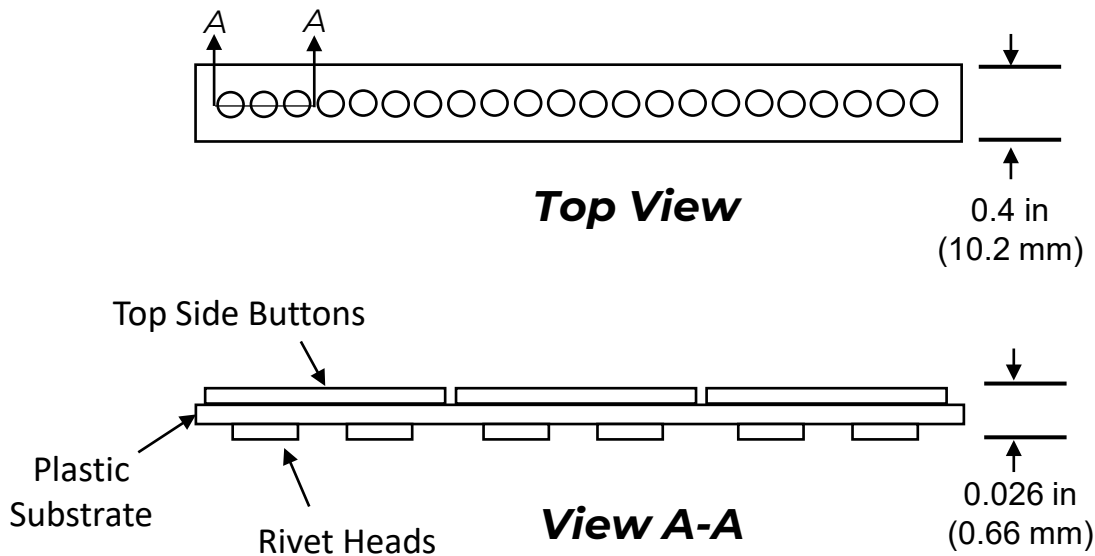
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STRIKETAPE DIMENSIONS

TOP AND SIDE VIEW DRAWINGS



STRIKETAPE DIVERTER PART SPECIFICATIONS

Diverter Type	Substrate Width	Top Side Button Size	Button Thickness	Substrate Thickness	Overall Thickness	Diverter Weight
Large Round (LR)	0.40" (10mm)	0.125" (3.17mm) Dia.	0.008" (0.2mm)	0.010" (0.25mm)	0.026" (0.66mm)	0.13oz/ft (12.21g/m)
Small Round (SR)	0.40" (10mm)	0.060" (1.52mm) Dia.	0.008" (0.2mm)	0.010" (0.25mm)	0.026" (0.66mm)	0.12oz/ft (11.02g/m)
Oval (OV)	0.40" (10mm)	0.2"x0.6" (5.08x1.52mm)	0.008" (0.2mm)	0.010" (0.25mm)	0.026" (0.66mm)	0.12 oz/ft (11.02 g/m)



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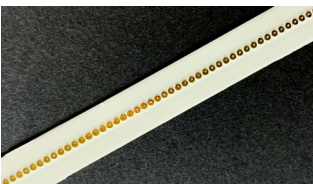


PART NUMBERS

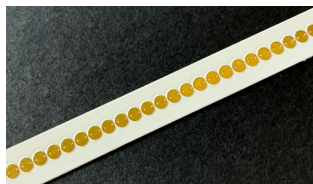
STRIKETAPE PART NUMBERS

Diverter Type	Part Code	Adhesive Tape	Button Style	Termination	Paint	Length* (inches)
Large Round (LR)	100-100620	1 = Yes 0 = No	LR	EDG, 10D, 14D	NC	Up to 450
Small Round (SR)	100-100620	1 = Yes 0 = No	SR	EDG, 10D, 14D	NC	Up to 450
Oval (OV)	100-100620	1 = Yes 0 = No	OV	EDG, 10D, 14D	NC	Up to 450

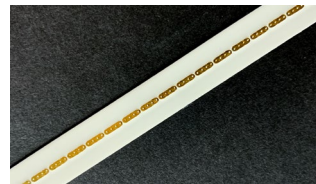
SMALL ROUND (SR)



LARGE ROUND (LR)



OVAL (OV)



PART # KEY: 100-100620-(Tape)-(Button)-(Termination)-(Color)-(Length).

Ex: 100-100620-0-OV-EDG-NC-450 = No adhesive tape, Oval Button, Edge Cut termination, standard white paint, 45.0 inches

*Length is expressed in inches; final digit is a decimal.

Ex: 270 = 27.0 inches. Note: Full diverter strips are 45 inches; can be cut to custom lengths or butted together with EDG termination for longer than 45" strips.

ALL PARTS ARE TESTED TO:

- RTCA/DO-160G Section 23
- SAE ARP5416A
- IEC 61400-24 LPL1



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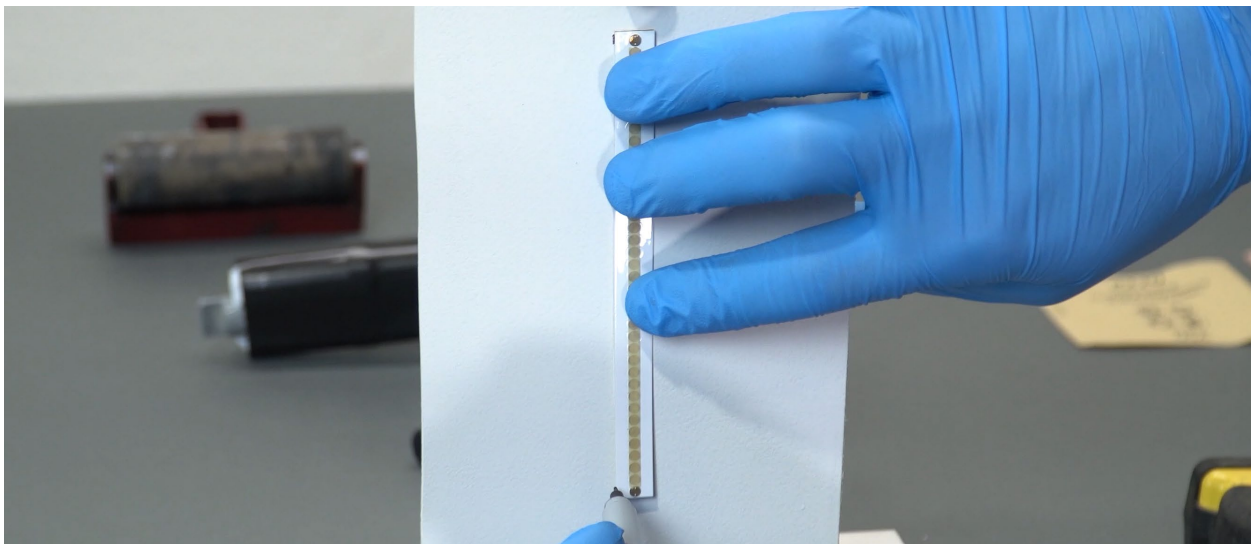
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INSTALLATION PROCESS

Installation is easy. We provide:

1. Detailed PDF Installation guide with photos
2. Installation video available in six languages - English, Portuguese, Japanese, Spanish, French and German
3. Customer support throughout the process



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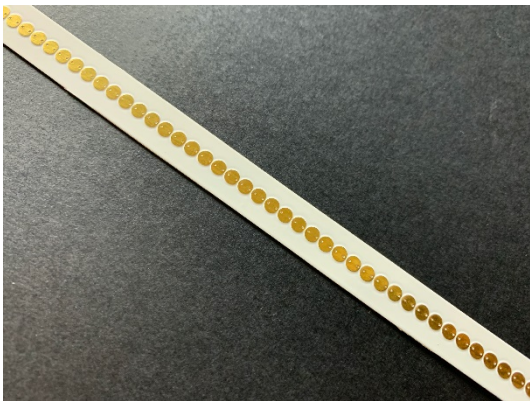
A HISTORY OF PROTECTION

WEATHER GUARD WIND



ABOUT THE COMPANY

- CEO Allen Hall is an FAA Designated Engineering Representative (DER) for Lightning Direct Effects
- In 2006, Weather Guard Lightning Tech was incorporated.
- StrikeTape lightning diverters were developed in 2011 and are in use all over the world.
- In 2020, Weather Guard Lightning Tech earned AS9100D & ISO9001:2015 quality certification.
- Weather Guard Lightning Tech is the Original Equipment Manufacturer of StrikeTape.
- Give our customer service team a call today!



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The logo for PRI Registrar, featuring a globe icon to the left of the text "PRI Registrar" in a bold, italicized font, with "PERFORMANCE REVIEW INSTITUTE" in a smaller font below it.

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We Make Lightning Protection Easy

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