

HOT STICKABLE UNIVERSAL CUT-OUT GUARD (CO-10007)

Fused cut-outs, commonly mounted in close proximity to grounded support structures, often experience bird and animal-caused contacts. Due to the sheer number of cut-outs used in power distribution, contacts are a very prevalent cause of power outages. Isolating or de-energizing cut-outs to install guards isn't always possible and for this reason, Reliaguard has designed its cut-out guard to be applied to energized equipment using accepted live-line work methods.

Better by Design

Reliaguard's design team is composed of CAD technicians, mechanical engineers, and industrial designers who develop guards specifically for electrical equipment applications. Their expertise is supported by a team of linemen who collectively have 100 years of field experience working with electrical equipment on the powerline and in substations.

Cut-out guards are designed to accommodate various conductor diameters all the while providing superior coverage of energized components at risk of bird and animal contact. By fully enclosing the bolted connection, probable points of contact are eliminated and guards are better secured to equipment. Both porcelain and polymer cut-outs can be protected whether energized or de-energized installation is required.

Superior Material

All Reliaguard products are formed from Reliatanium™, a proprietary material formulated specifically for bird and animal mitigation products for high voltage power systems. Reliatanium was devised to meet the specific performance guidelines of IEEE 1656™-2010.

- Reliatanium achieves a V-0 flammability classification, the highest rating for the UL 94 test standard and has a 15+ year lifespan.
- Material properties for UV stability and flame retardancy
- Rigid and robust material in properties and design

Ease of Installation

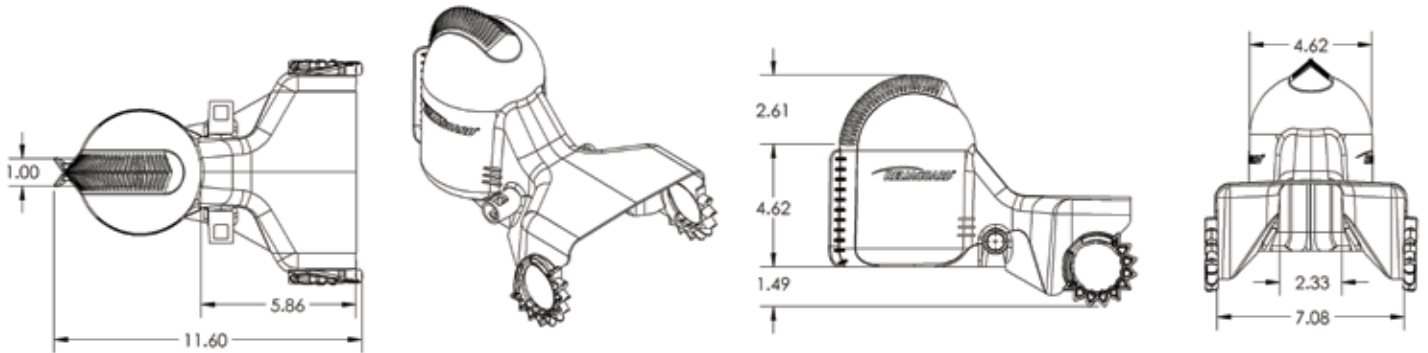
Linemen like our products because:

- Reliaguard® Cut-out Guards are designed to stay in place for the long run. Full protection and retention is critical in preventing contacts and in improving reliability.
- Guards can accommodate various conductor diameters. That includes bare or coated cables and even those shielded with conductor cover like GreyEEL.
- Fit a wide range of porcelain and polymer cut-out models
- Easy to install de-energized or energized using a common Grip-All stick.



Technical Features

Designed to prevent wildlife caused outages, these guards are tested for application on equipment up to 38kV.



Product Name	Part Number	Height Dimension *	Diameter Dimension *	Additional Dimension*	Pack Size (MOQ)
Hot Stickable Universal Cut-Out Guard	CO-10007	5.5 (137.5)	4.59 (116.5)	2.9 (73.7) base port	12

*Dimensions in inches (millimeters)

RELIATANIUM MATERIAL PERFORMANCE TESTING All tests conducted at 38KV.

Performance Test #	Test Standards	Details	Test Result
Flammability	UL - 94	Vertical Flame Test Test plaques self-extinguishing with no drips	V-0
Ultraviolet Aging	IEEE std 1656™ - 2010 Section 5.6	After completing 1000 hours, no perceived changes to the condition of test samples.	Completed
Tracking and Erosion Resistance	IEC 60587	6 hrs (Full duration of test)	Achieved @ 2KV
Wet Power Frequency Flashover	IEEE Std 1656™-2010 Section 5.3	Average flashover value of all samples greater than 90% of the value obtained on the test fixture alone	Passed
Wet Withstand	IEEE Std 1656™-2010 Section 5.2.1	Option 1 - moving Electrode All Samples did not puncture or flash over	Passed
Tensile Strength at Break	ASTM D638		2,000 psi
Shore Durometer	ASTM D2240		65 Shore D
Heat Deflection	ASTM D648		225°F 66 psi