



MULTIPOINT LIGHTNING ARRESTER GUARDS

The guard that is typically included with new arresters often doesn't provide enough coverage to fully protect the wire connections or properly overlap the stripped section of a poly-covered conductor at the connection point. Lightning arrester protection should consider the higher the voltage the further the coverage needs to extend – ReliGuard Multiport Lightning Arrester Guards meet this requirement. ReliGuard Lightning Arrester Guards protect endangered species, birds, squirrels, raccoons, snakes, feral cats and other wildlife from contact with energized risk points.

Better by Design

- Based on the 100 years of collective knowledge from the ReliGuard linemen who specialize in wildlife mitigation, designs consider all risk points. A team of CAD designers support our linemen to incorporate features unique to only ReliGuard lightning arrester guards.
- Installs over the first skirt/flight of the insulator preventing wildlife activity from taking place under the guard

Superior Material

- With current surges being diverted through arresters, it is critically important that the arresters and associated guards are non-flammable
- All ReliGuard products are made from Reliatanium, a proprietary material designed by ReliGuard's chemical engineers.
- Reliatanium achieves a V-0 flammability classification, the highest rating for the UL 94 test standard and has a 15+ year lifespan.
- Reliatanium material properties incorporate UV stability and flame retardancy
- Rigid and robust material in properties and design
- Tested to meet specific guidelines of IEEE 1656-2010



Ease of Installation

Power linemen like our products because:

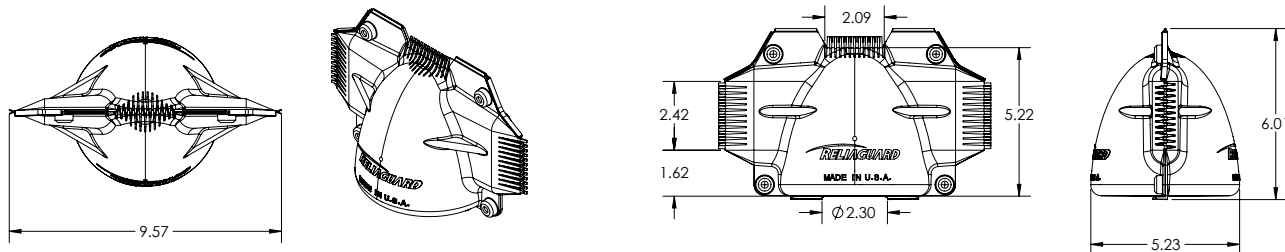
- ReliGuard® Lightning Arrester Guards are designed to stay in place. Retention of the cover once applied is a critical design feature to be considered.
- Easily accommodates feed through conductors
- Also a great fit for the feed through connections on capacitor banks
- Fits a wide range of lightning arresters
- Best results are achieved when installed with GreyEEL Conductor Cover





Technical Features

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



Product Name	Part Number	Height Dimension *	Diameter Dimension *	Additional Dimension*	Pack Size (MOQ)
Lightning Arrester - Multi Port	LA-13002	6.0 (152.4)	5 (127)	2.3 (58.4) base port	12
Lightning Arrester Multiport (Loop Latch)	LA-13007	5.8 (147.3)	5 (127)	2.0 (50.8)	24

*Dimensions in inches (millimeters)

RELIATANIUM MATERIAL PERFORMANCE TESTING

Performance Test #	Test Standards	Details	Test Result	Properties	Unit	Test	Value
Flammability	"IEEE 1656™-2010 Section 5.9.1"	Self-extinguishing, no drips	V-0	Flexural Strength	psi	ASTM D790	5,200
				Flexural Modulus	psi	ASTM D790	297,500
Ultraviolet Aging	"IEEE std 1656™ - 2010 Section 5.6"	After completing 1000 hours, no perceived changes to the condition of test samples.	Completed	Tensile Strength @ break	psi	ASTM D638	2,000
Tracking and Erosion Resistance	IEC 60587	6 hrs (Full duration of test)	Achieved @ 2kV	Tensile Strength @ yield	psi	ASTM D638	2,900
				Flammability		UL-94	V-0
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	UV Stability	hrs.	ASTM D4329	1,000
				Durometer	Shore D	ASTM D2240	65
Wet Withstand	"IEEE Std 1656™-2010 Section 5.2.1"	"Option 1 - moving Electrode All Samples did not puncture or flash over"	Passed @38kV rating	Heat Deflection	°F	ASTM D648 (66psi)	225
				Dielectric Strength	V/mil	ASTM D149	549