

WILDLIFE HOT STICK DISC

The Reliaguard Wildlife Hot Stick Disc is a barrier used to isolate climbing animals thus preventing them from making a phase to ground contact. Wildlife Hot Stick Discs are typically used on poles and substations. These guards protect tree frogs, squirrels, raccoons, snakes, other wildlife from contact with energized risk points. The contact risk points are typically from a phase to ground contact.

Better by Design

- Based on the 100 years of collective knowledge of the Reliaguard 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 Wildlife Hot Stick Discs.
- Wildlife Hot Stick Discs are designed as a two-piece barrier. The one size fits all design is adjustable to the interior flight diameter of most insulators.

Superior Material

- All Reliaguard products are made from "FRGuard" material, a proprietary material designed by Reliaguard's chemical engineering founders.
- 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

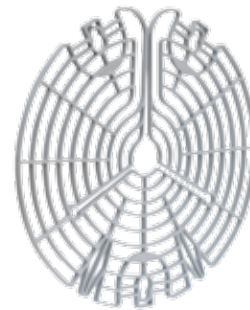
Ease of Installation

Power linemen like our products for the following features:

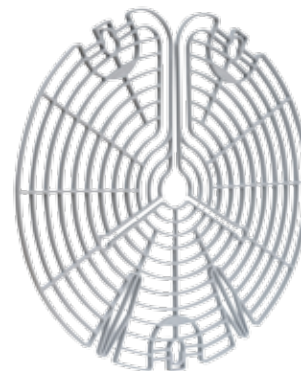
- Reliaguard[®] Wildlife Hot Stick Discs are designed to stay in place. Retention of the cover once applied is a critical design feature to be considered.
- Fits a wide range of insulators



Wildlife Hotstick Discs 16"



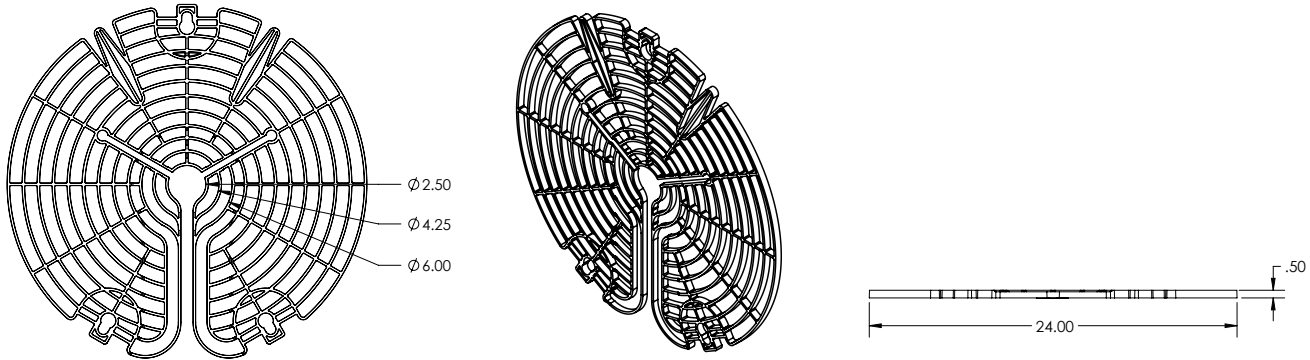
Wildlife Hotstick Discs 20"



Wildlife Hotstick Discs 24"

Technical Features

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



Product Name	Part Number	Outside Diameter	Inside Diameter	Width	Pack Size (MOQ)
Wildlife Hot Stick Disc -24	PD-0624	24 (609.6)	2.5-6.0 (63.5-152.4)	0.5 (12.7)	12
Wildlife Hot Stick Disc -20	PD-0620	20 (508)	2.5-6.0 (63.5-152.4)	0.5 (12.7)	12
Wildlife Hot Stick Disc -16	PD-0616	16 (406.4)	2.5-6.0 (63.5-152.4)	0.5 (12.7)	12

**Dimensions in inches (millimeters)*

Species at Risk:

Listed below are those specific animals that have been identified by the IEEE survey as known or potential sources of animal-related outages. (Source: IEEE 1264™-2015)

Animals	% Utilities Responding to IEEE Survey
Squirrels	90%
Birds	86%
Raccoons	57%
Snakes	46%
Cats	43%
Mice	30%
Rats	19%
Opossums	13%

Several other animals were identified by utilities as problematic. These animals are not major contributors, as none were reported by more than 5% of the utilities:

Bats, deer, dogs, foxes, frogs, gophers, ground hogs, insects, lizards, moles, monkeys, pikas, rabbits, ring-tailed cats, skunks, weasels

Equipment Spacing and the Animals That Present Risk by Voltage Class



Figure 3: Spacing of Insulators Indicating Shorting Distance. Listing a Sample of Animals That Commonly Bridge the Shorting Distance (not to scale).