



3M Science.
Applied to Life.™

3M™ Animal Protection Products

**Saving your
equipment and
our wildlife.**

Use the right stuff.

3M™ Electrostatic Animal Guard

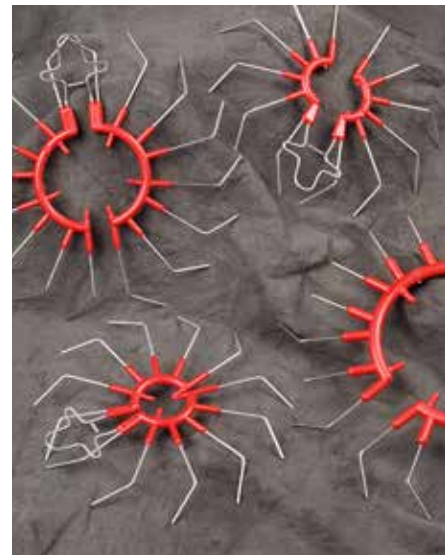
3M™ Animal Protection Products are designed to install quickly and protect your network without harming wildlife.

The 3M Electrostatic Animal Guard is a patented electrostatic barrier which attaches to energised electrical insulators and bushings rated up to 35kV. It can be installed without disrupting the power supply.

- ▶ The guard consists of rugged plastic with metal spokes radiating outward
- ▶ When an animal touches the spokes, it receives a mild electric shock similar to those generated by electrified livestock fences
- ▶ The animal is not injured and power service is not interrupted
- ▶ It minimises customer outages due to animal contact

Features

- ▶ Can be installed without disrupting the power supply
- ▶ Installs and removes with ease while working from a bucket or up on a pole
- ▶ High quality stainless steel components
- ▶ UV resistant polypropylene body



Guard	3M Order Code	Insulator Neck Diameter*	
		Without Centre Nubs Trimmed	With Centre Nubs Trimmed
GG-7525	80610981153	19.1 mm to 38.2 mm	38.2 mm to 63.7 mm
GG-1525	80610981120	38.2 mm to 63.7 mm	N/A
GG-2545	80610981138	63.7 mm to 88.9 mm	88.9 mm to 114.7 mm
GG-4565	80610981146	114.7 mm to 139.7 mm	139.7 mm to 165.7 mm

* Insulator neck diameter is defined as the diameter of the insulator between the skirts.



Reduce the possibility of your customers living in the dark.

Why use Animal Guard?

- ▶ Easy to install using a hot stick, without disrupting power supply
- ▶ Installs in significantly less time than other cover-up designs
- ▶ High quality stainless steel components and UV-resistant, patented design
- ▶ Negligible effect on electrical performance
- ▶ Humane product which protects your equipment and reduces your expenses from animal-related outages

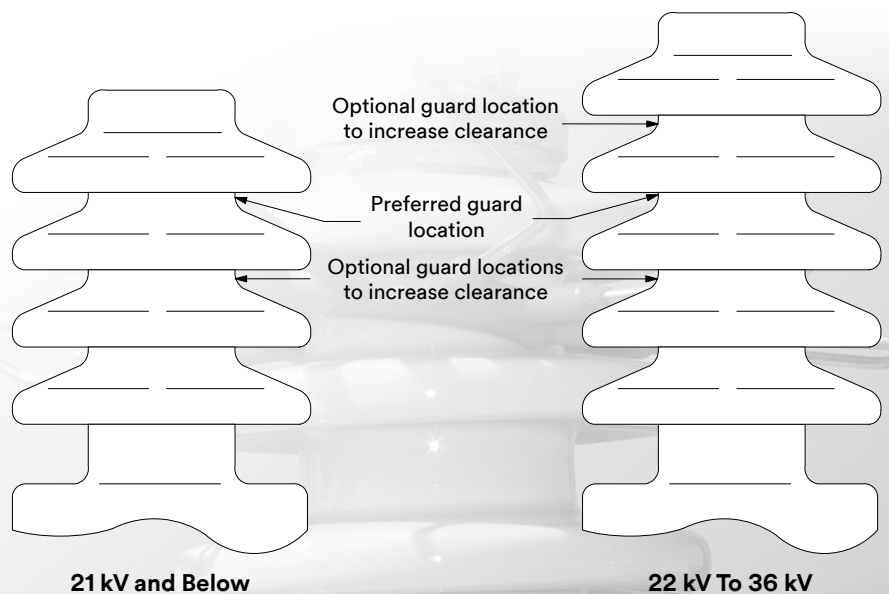


Installation Process

1. Determine the voltage rating of the equipment to be protected. Do not use on equipment where the voltage rating exceeds 36 kV.
2. Verify that there are proper clearances for the installation. Never install a guard on energised equipment.
3. Measure the diameter of the insulator's neck to verify that the guard fits the insulator.
4. Attach the guard to the hot-stick. The guard is to be installed between skirts. Gently push the guard onto the insulator neck with the radials pointing upwards.

Benefits

- ▶ Less power outages
- ▶ Less damage to equipment
- ▶ Simple installation
- ▶ Maximum longevity
- ▶ Protects animals
- ▶ Teaches animals to avoid future contact



Equipment Voltage Rating	Preferred Location of Electrostatic Guard
21 kV and below	Between top 2 skirts
22 kV to 36 kV	Between 2nd and 3rd skirts from top

Expect Performance.



Trusted by Generations of Electrical Professionals.

3M has been developing and manufacturing high performance, easy to use electrical tapes since the 1940s. So whether you are out in the cold, colour coding, weather proofing, moisture sealing, or in need of some electrical insulation, there is a 3M tape that suits your application needs.

Are you insulating, sealing, protecting or connecting?

Call the 3M Electrical Helpline

 **1800 3M ELEC**

3M Electrical Products.
Use the right stuff.



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